

TETSUO NOZOE

BIBLIOGRAPHY

- 1 Über die Reduktion von Chinolindikarbonsäuren. T. Nozoe: Proc. Imp. Acad., 2, 541-3 (1926)
- 2 On the Reduction of Quinoline-2,6-dicarboxylic Acid. T. Nozoe: Nippon Kagaku Zasshi, 48, 147-54 (1927)
- 3 Studies on the Constituents of the Volatile Oil from the Leaf of Chamaecyparis obtusa, Sieb, et Zucc. f. formosana, Hay or "Arisan-Hinoki." Part I. K. Kafuku, T. Hata and T. Nozoe: Bull. Chem. Soc. Jpn., 6, 40-53 (1931)
- 4 Studies on the Constituents of the Volatile oil from the Leaf of Chamaecyparis obtusa, Sieb, et Zucc. f. formosana, Hay or "Arisan-Hinoki." Part II. K. Kafuku and T. Nozoe: Bull. Chem. Soc. Jpn., 6, 111-8 (1931)
- 5 Distribution of Sugars in Nature and Analytical Methods of the Mixture of Monosaccharides by Color Reaction (Review). T. Nozoe: Repts. Taiwan Sugar Manuf. Res. Inst. 9, No.9 1-22 (1932)
- 6 Studies on the Constituents of the Leaf Oil of Liquidamber formosana, Hance. K. Kafuku, T. Nozoe and C. Hata: Nippon Kagaku Zasshi, 55, 244-55 (1934)
- 7 Saponins and Sapogenins from Seeds of Barringtonia asiatica, Kurz. T. Nozoe: Nippon Kagaku Zasshi, 55, 745 (1934)
- 8 Determination of Molecular Formula of A₁-Barrigenol. Saponins from the Bark of Schima kankaoensis, Hay. T. Nozoe: Nippon Kagaku Zasshi, 55, 745 (1934)
- 9 Saponins from the Seeds of Barringtonia recemosa, Blume. On Neutral Sapogenin. T. Nozoe: Nippon Kagaku Zasshi, 55, 746 (1934)
- 10 Polyterpenoids and their Glycosides. (Part I). On Saponin from the Seed of Barringtonia asiatica, Kurz. T. Nozoe:

- Nippon Kagaku Zasshi, 55, 1106-14 (1934)
- 11 Polyterpenoids and their Glycosides. (Part II). On the Sugar Part of A₁-Barrinin. T. Nozoe: Nippon Kagaku Zasshi, 55, 1115-23 (1934)
 - 12 On Jego-Sapogenol. T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi, 56, 346 (1935)
 - 13 Polyterpenoids and their Glycosides. (Part III). Studies on A₁- and A₂-Barrigenol. T. Nozoe: Nippon Kagaku Zasshi, 56, 689-703 (1935)
 - 14 Polyterpenoids and their Glycosides. (Part IV). On the Molecular Formula of A₁-Barrigenol and its Derivatives. T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi, 56, 704-14 (1935)
 - 15 Studies on the Color Reactions of Sugars (Part I). Spectroscopic Studies of General Color Reaction. T. Nozoe: Nippon Kagaku Zasshi, 56, 852-64 (1935)
 - 16 Polyterpenoids and their Glycosides. (Part V). Studies on the Structure of A₁-Barrigenol. (II). T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi, 56, 864-72 (1935)
 - 17 Polyterpenoids and their Glycosides. (Part VI). Saponins from the Bark of Schima kankaoensis Hay. (I). T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi, 56, 883-93 (1935)
 - 18 Über die Farbstoffe in Holzteile des Hinoki Baumes. I. Hinokitin und Hinokitiol. T. Nozoe: Bull. Chem. Soc. Jpn., 11, 295-8 (1936)
 - 19 Polyterpenoids and their Glycosides. (Part VII). Studies on the Structure of A₂-Barrigenol. (I). T. Nozoe and S. Katsura: Nippon Kagaku Zasshi, 57, 692-700 (1936)
 - 20 Studies on the Color Reactions of Sugars (Part II). Spectroscopic Studies of Orcinol Reaction. (I). Pentoses and Fulfulrol. T. Nozoe: Nippon Kagaku Zasshi 57, 798-812 (1936)
 - 21 Studies on the Color Reactions of Sugars (Part III). Spectroscopic Studies of Orcinol Reaction (II). Methyl-pentoses and Hexoses. T. Nozoe: Nippon Kagaku Zasshi, 57, 813-27 (1936)
 - 22 Sapogenins from the Soya Beans. T. Nozoe and S. Katsura: Nippon Kagaku Zasshi 58, 570 (1937)
 - 23 Structures of Oleanolsäure and Hederagenin (I). T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi 58, 589-91 (1937)

- 24 Structures of Oleanolsäure and Hederagenin (II). T. Nozoe and T. Kinugasa: Nippon Kagaku Zasshi, 58, 590-91 (1937)
- 25 Structures of Oleanolsäure and Hederagenin. (III). T. Nozoe and S. Katsura: Nippon Kagaku Zasshi, 58, 1414 (1937)
- 26 Über die Chemotherapeutische Anwendung von 1-Rhodin-Säure, einem Bestandteile des Taiwanhinoki-Baum, und von einigen verwandten Fettsäuren bei tuberkulösen Patienten. Shigehiro Katsura et al. and T. Nozoe, Shigeo Katsura and M. Kainoshio: J. Med. Assoc. Formosa, 40, 1557 -1628 (1941)
- 27 On the Structure of Hinokitiol. T. Nozoe and S. Katsura: J. Pharm. Soc. Jpn., 64, 181-5 (1944)
- 28 Über die Chemotherapeutische Anwendung von 1-Rhodin-Säure, einem Bestandteile des Taiwanhinoki-Baum, und von einigen verwandten Fettsäuren bei tuberkulösen Patienten (Part II). T. Nozoe, et al.: J. Trop. Med., Suppl. Vol. 1, 1-7 (1944)
- 29 Studies on Hinokitiol. T. Nozoe: Yakugaku (Science of Drugs), 3, 174-98 (1949)
- 30 On the Synthesis of Tropolone (Cycloheptatrienolone). T. Nozoe, S. Seto, Y. Kitahara, M. Kunori and Y. Nakayama: Proc. Jpn. Acad., 26, (7) 38-42 (1950)
- 31 On the Synthesis of Hinokitiol (m-Isopropyltropolone). T. Nozoe, S. Seto, K. Kikuchi, T. Mukai, S. Matsumoto and M. Murase: Proc. Jpn. Acad., 26, (7) 43-6 (1950)
- 32 On the Synthesis of α -Thujaplicin (α -Isopropyltropolone). T. Nozoe, Y. Kitahara and S. Itô: Proc. Jpn. Acad., 26, (7) 47-9 (1950)
- 33 On Dinitroisohinokitiol. T. Nozoe, Y. Kitahara, K. Yamane and K. Yamaki: Proc. Jpn. Acad., 26, (8) 14-8 (1950)
- 34 On β -Monobromohinokitiol. T. Nozoe, T. Mukai and K. Takase : Proc. Jpn. Acad., 26, (8) 19-23 (1950)
- 35 On Azohinokitiol (II). T. Nozoe, E. Sebe and S. Ebine: Proc. Jpn. Acad., 26, (8) 24-8 (1950)
- 36 General Considerations on the Substitution Reaction of Hinokitiol. T. Nozoe: Proc. Jpn. Acad., 26, (9) 30-7 (1950)
- 37 On Mononitrohinokitiols. T. Nozoe, Y. Kitahara, E. Kunioka, K. Doi: Proc. Japan Acad., 26, (9) 38-44 (1950)
- 38 On α -Monoaminohinokitiol. T. Nozoe and E. Sebe: Proc. Japan Acad., (9) 45-9 (1950)
- 39 On Sulfonic Acid Derivatives of Hinokitiol. T. Nozoe, S.

- Seto, T. Ikemi and T. Arai: Proc. Japan Acad., 26, (9) 50-3 (1950)
- 40 Determination of Substituent Positions in Hinokitiol Derivatives. (I). T. Nozoe, Y. Kitahara, K. Doi: Proc. Japan Acad., 26, (10) 25-31 (1950)
- 41 On Monochlorohinokitiols. T. Nozoe, K. Kikuchi, T. Ando: Proc. Japan Acad., 26, (10) 32-7 (1950)
- 42 Dipole Moments of Hinokitiol and its Derivatives. Y. Kurita, T. Nozoe and M. Kubo: Nippon Kagaku Zasshi 71, 543-5 (1950)
- 43 Studies on Hinokitiol (Part III) General Survey. Sci. Repts. Tohoku Univ., Ser. I, 34, 199-236 (1950)
- 44 p-Aminohinokitiol and m-Isopropyl-p-troponone. T. Nozoe, S. Ebine, S. Itô and A. Konishi: Proc Japan Acad., 27, 10-14 (1951)
- 45 On the Acidic Constituents of the Essential Oil of Thujopsis dolabrata. Occurrence of α -Thujaplicin. T. Nozoë, A. Yasue and K. Yamane: Proc. Japan Acad., 27, 15-7 (1951)
- 46 Studies on Tropolone Derivatives. I. Substitution Products of α -Monobromotropolone. T. Nozoe, Y. Kitahara, K. Yamane and A. Yoshikoshi: Proc. Japan Acad., 27, 18-23 (1951)
- 47 Studies on Tropolone Derivatives. II.. Sulfonic Acid Derivatives. T. Nozoe, S. Seto, T. Ikemi and T. Arai: Proc. Japan Acad., 27, 24-7 (1951)
- 48 Effect of Tropolone and Related Compounds on Yoshida Sarcoma (1st Report). Tropolone, Hinokitiol and their Halogen Derivatives. S. Katsura, K. Sato, K. Akaishi, T. Nozoe, S. Seto and Y. Kitahara: Proc. Japan Acad., 27, 31-5 (1951)
- 49 Effect of Tropolone and Related Compounds on Yoshida Sarcoma (2nd Report). Azo-, Amino- and Sulfonic Acid Derivatives of Tropolone and Hinokitiol. S. Katsura, K. Sato, K. Akaishi, T. Nozoe, S. Seto and Y. Kitahara: Proc. Japan Acad., 27, 36-8 (1951)
- 50 Studies on Tropolone Derivatives. III. On Methyl Ethers of Tropolone and its Halogen Derivatives. T. Nozoe, S. Seto, T. Ikemi and T. Arai: Proc. Japan Acad., 27, 102-6 (1951)
- 51 On the Derivatives of 3:4-Benzotropolone. T. Nozoe, Y. Kitahara and T. Ando: Proc. Japan Acad., 27, 107-9 (1951)
- 52 On the Syntheses of m-Methyl and m-Ethyltropolones. T. Nozoe, T. Mukai and S. Matsumoto: Proc. Japan Acad., 27, 110-15 (1951)

- 53 On p-Aminotropolone. T. Nozoe, S. Seto, S. Ebine and S. Itô: J. Am. Chem. Soc., 73, 1895 (1951)
- 54 Dipole Moments of Tropolone and Related Compounds. M. Kubo, T. Nozoe and Y. Kurita: Nature, 167, 688-9 (1951)
- 55 Molecular Orbital Treatment of Tropolone. Y. Kurita and M. Kubo: Bull. Chem. Soc. Jpn., 24, 13-7 (1951)
- 56 Dipole Moments of Tropolone and Related Compounds. Y. Kurita, T. Nozoe and M. Kubo: Bull. Chem. Soc. Jpn., 24, 10-3 (1951)
- 57 Chemistry of Tropolone and its Allied Compounds. T. Nozoe: Kagaku To Kogyo, 4, 348-54 (1951)
- 58 Chemistry of the Unsaturated Seven-membered Ring Compounds. T. Nozoe: Kagaku (Science), 21, 564-70 (1951)
- 59 On the Synthesis of γ -Thujaplicin. (p-Isopropyltropolone). T. Nozoe, S. Seto, K. Kikuchi and H. Takeda: Proc. Japan Acad., 27, 146-8 (1951)
- 60 On the Syntheses of tert-Butyltropolones. T. Nozoe, H. Kishi and A. Yoshikoshi: Proc. Japan Acad., 27, 149-51 (1951)
- 61 Chlorobromo and Polybromo Substitution Products of Hinokitiol. T. Nozoe, T. Mukai, K. Takase and A. Matsukuma: Proc. Japan Acad., 27, 152-5 (1951)
- 62 Determination of Substituent Positions in Hinokitiol Derivatives. II. o- and o'-Monoaminohinokitiol. T. Nozoe, Y. Kitahara and K. Doi: Proc. Japan Acad., 27, 156-8 (1951)
- 63 On the Substitution Products of Tropolone and Allied Compounds. T. Nozoe: Nature, 167, 1055-7 (1951)
- 64 On a New Type of Aromatization by the Diazotization of o-Aminotropolone Derivatives. T. Nozoe, Y. Kitahara and K. Doi: J. Am. Chem. Soc., 73, 1895-6 (1951)
- 65 Dipole Moments of Halogen-Derivatives of Hinokitiol. Y. Kurita, T. Nozoe and M. Kubo: Bull. Chem. Soc. Jpn., 24, 99-100 (1951)
- 66 The Solubilities and the Ionization Constants of Tropolone and Its Related Compounds, (I). Hinokitiol and Its Bromo-derivatives. N. Yui and T. Nozoe: Sci. Repts. Tohoku Univ., Ser, I, 35, 83-94 (1951)
- 67 Studies on Tropolone Derivatives. V. On p-Nitrosotropolone. T. Nozoe and S. Seto: Proc. Japan Acad., 27, 188-9 (1951)

- 68 Studies on Tropolone Derivatives. VI. Nitro Compounds of Tropolone (I). T. Nozoe, Y. Kitahara, E. Kunioka and T. Ando: Proc. Japan Acad., 27, 190-92 (1951)
- 69 On Derivatives of α -Thujaplicin. I. T. Nozoe, Y. Kitahara, K. Yamane and T. Ikemi: Proc. Japan Acad., 27, 193-6 (1951)
- 70 On Hinopurpurins. The Rearrangement Products of Azohinokitiols. (I). T. Nozoe, S. Ebine, S. Itô and I. Takasu: Proc. Japan Acad., 27, 197-99 (1951)
- 71 Studies on Tropolone Derivatives. VII. Halogen Derivatives of Tropolone (II). T. Nozoe, S. Seto, T. Mukai, K. Yamane and A. Matsumura: Proc. Japan Acad., 27, 224-30 (1951)
- 72 Studies on Tropolone Derivatives. VIII. Nitro Derivatives of Tropolone (II). T. Nozoe, Y. Kitahara, T. Ando and E. Kunioka: Proc. Japan Acad., 27, 231-35 (1951)
- 73 On Azo-coupling of Halogenohinokitiols. T. Nozoe, T. Mukai and K. Takase: Proc. Japan Acad., 27, 236-40 (1951)
- 74 Effect of Tropolone and Related Compounds On Yoshida Sarcoma (3rd Report). Especially in Regard to p-Amino Derivatives of Tropolone and Hinokitiol. S. Katsura, K. Sato, K. Akaishi, T. Nozoe and Y. Kitahara: Proc. Japan Acad., 27, 250-54 (1951)
- 75 Diazo Reaction of ortho-Aminohinokitiols. T. Nozoe, Y. Kitahara and K. Doi: Proc. Japan Acad., 27, 282-84 (1951)
- 76 Substitution Products of m-Methyltropolone. T. Mukai, M. Kunori, H. Kishi, T. Muroi and K. Matsui: Proc. Japan Acad., 27, 410-14 (1951)
- 77 Tropone and its Derivatives. I. Syntheses of Bromo-Derivatives of Tropone and Tropolone by the Direct Bromination of Cycloheptanone. T. Nozoe, Y. Kitahara, T. Ando and S. Masamune: Proc. Japan Acad., 27, 415-18 (1951)
- 78 Tropone and its Derivatives. II. Grignard Reaction of Methyl Ether of Tropolones. T. Nozoe, T. Mukai and J. Minegishi: Proc. Japan Acad., 27, 419-22 (1951)
- 79 Studies on Tropolone Derivatives. IX. Iodination of Tropolone. Y. Kitahara and T. Arai: Proc. Japan Acad., 27, 423-25 (1951)
- 80 Studies on Tropolone Derivatives. X. On p-Aminotropolone (III). T. Nozoe, S. Seto, S. Itô and M. Sato: Proc. Japan Acad., 27, 426-29 (1951)
- 81 Tropone and its Derivatives. III. On Aminotropone (I).

- T. Nozoe, S. Seto, H. Takeda, S. Morosawa and K. Matsumoto: Proc. Japan Acad., 27, 556-60 (1951)
- 82 Hydroxymethylation of Tropolones. T. Nozoe, T. Mukai and K. Takase: Proc. Japan Acad., 27, 561-64 (1951)
- 83 On o'-Amino-p-Nitrohinokitiol. T. Nozoe, H. Akino and K. Sato: Proc. Japan Acad., 27, 565-68 (1951)
- 84 On o- and p-Methyltropolones. T. Nozoe, T. Mukai and K. Matsui: Proc. Japan Acad., 27, 646-48 (1951)
- 85 Rearrangement Reactions of Bromotropolones with Basic Reagents. T. Nozoe, Y. Kitahara and S. Masamune: Proc. Japan Acad., 27, 649-54 (1951)
- 86 Diels-Alder Reaction of Tropolones with Maleic Anhydride. T. Nozoe, S. Seto and T. Ikemi: Proc. Japan Acad., 27, 655-57 (1951)
- 87 o-, m- and p-Methyltropolones and their Derivatives. T. Nozoe, T. Mukai, M. Kunori, T. Muroi and K. Matsui: Sci. Repts. Tohoku Univ., Ser. I, 35, 242-73 (1952)
- 88 On p-Nitrosotropolone. T. Nozoe, S. Seto, H. Takeda and T. Sato: Sci. Repts. Tohoku Univ., Ser. I, 35, 274-82 (1952)
- 89 On the Perkin Reaction of o-Carboxy-m-carboxymethyltropolone. T. Nozoe, Y. Kitahara, K. Doi and M. Endo: Proc. Japan Acad., 28, 32-5 (1952)
- 90 Rearrangement Reactions of 2,4,7-Tribromotropone-1 by Alkaline Reagents. T. Nozoe, Y. Kitahara, S. Masamune and S. Yamaguchi: Proc. Japan Acad., 28, 85-8 (1952)
- 91 On the Aromatization occurring during Nitrosation of Hinokitiol. T. Nozoe, S. Seto, M. Kunori and T. Sato: Proc. Japan Acad., 28, 89-92 (1952)
- 92 Rearrangement Reaction of Methyl Ethers of Tropolones by Grignard Reagents. T. Nozoe, T. Mukai, I. Murata: Proc. Japan Acad., 28, 142-45 (1952)
- 93 Tropone and its Derivatives. V: On 2-Aminotropones. (2). T. Nozoe, S. Seto, H. Takeda, S. Morosawa and K. Matsumoto: Proc. Japan Acad., 28, 192-97 (1952)
- 94 Infrared Absorption Studies of Tropolone and Allied Compounds. K. Kuratani, M. Tsuboi, T. Shimanouchi: Bull. Chem. Soc. Jpn., 25, 250-55 (1952)
- 95 Ultraviolet Absorption Spectra of Troponoids. M. Tsuboi: Bull. Chem. Soc. Jpn., 25, 369-74 (1952)

- 96 Diels-Alder Reaction of Troponoids. I. Reaction of Hinokitiol (m-Isopropyltropolone). E. Sebe and C. Osako: Proc. Japan Acad., 28, 282-86 (1952)
- 97 On o-Phenyltropolone. T. Nozoe, T. Mukai and J. Minegishi: Proc. Japan Acad., 28, 287-90 (1952)
- 98 Syntheses of m-Styryltropolones and 1-(m-Tropolonyl)-3-phenylpropenes. T. Nozoe, Y. Kitahara, K. Doi and S. Masamune: Proc. Japan Acad., 28, 291-95 (1952)
- 99 Tropolone. I T. Nozoe: Kagaku, 7, (a)242-50 (b)344-51 (1952)
- 100 Studies on the Fatty Acids from Lanolin. S.-L. Liu: in "Essays and Papers in Memory of Late President Fu Ssu-nien", p.1-15, National Taiwan Univ., Taipei (1952)
- 101 Hydroxymethyl Compounds of Tropolone, 4-Methyltropolone and 4-Isopropyltropolone and their Reduction Products. T. Nozoe, T. Mukai and K. Takase: Sci. Repts. Tohoku Univ., Ser. I, 36, 40-62 (1952)
- 102 On 2-Aminotropones. T. Nozoe, S. Seto, H. Takeda, S. Morosawa and K. Matsumoto: Sci. Repts. Tohoku Univ., Ser. I, 36, 126-50 (1952)
- 103 Studies on Hinokitiol. Part V. On the Revision of the Hinokitiol Structure to Isopropyl-cycloheptatrienolone. T. Nozoe: Sci. Repts. Tohoku Univ., Ser. I, 36, 82-98 (1952)
- 104 On Several Derivatives of Hinokitiol. Studies on Hinokitiol. Part VI. E. Sebe: Sci. Repts. Tohoku Univ., Ser. I, 36, 99-105 (1952)
- 105 Studies on Hinokitiol Part VII. Oxidation and Reduction Products of Hinokitiol (I). E. Sebe: Sci. Repts. Tohoku Univ., Ser. I, 36, 106-13 (1952)
- 106 Studies on Hinokitiol. Part VIII: Oxidation and Reduction Products of Hinokitiol (II). E. Sebe: Sci. Repts. Tohoku Univ., Ser. I, 36, 114-25 (1952)
- 107 On Mercaptotropones. T. Nozoe, M. Sato and K. Matsui: Nippon Kagaku Zasshi, 73, 781 (1952)
- 108 Action of Mercaptanes on Bromotropolones and their Methyl Ethers. Formation of Mercaptotropolones and their Rearrangement. T. Nozoe, M. Sato and K. Matsui: (a) Nippon Kagaku Zasshi, 73, 848; (b) Proc. Japan Acad., 28, 410-12 (1952)
- 109 Mercaptotropones. Action of Methyl- and p-Tolyl-mercaptoane Against Halotropones. T. Nozoe, M. Sato, K. Matsui: Proc. Japan Acad., 28, 407-9 (1952)

- 110 Synthesis of 3-(p-Methoxyphenyl)-tropolone. T. Nozoe, S. Seto, T. Ikemi and T. Sato: Proc. Japan Acad., 28, 413-15 (1952)
- 111 Tropone and its Derivatives VII. On Tropone (Cycloheptatrienone). T. Nozoe, T. Mukai, K. Takase and T. Nagase: Proc. Japan Acad., 28, 477-82 (1952)
- 112 Nucleophilic Substitution of Troponoid Compounds. I. 2,4,7-Tribromotropone. T. Nozoe, Y. Kitahara, T. Ando, S. Masamune and H. Abe: Sci. Repts. Tohoku Univ., Ser. I, 36, 166-83 (1952)
- 113 Studies on Hinokitiol IX. On the Formation of Bromine Substitution Products. T. Nozoe, E. Sebe, S. Mayama and S. Iwamoto: Sci. Repts. Tohoku Univ., Ser. I, 36, 184-202 (1952)
- 114 Studies on Hinokitiol. X. Azohinokitiols and their Rearrangement Products. T. Nozoe, E. Sebe, Y. Kitahara and H. Fujii: Sci. Repts. Tohoku Univ., Ser. I, 36, 290-98 (1952)
- 115 Studies on Hinokitiol. XI. Iodohinokitiol. T. Nozoe, E. Sebe, L.S. Cheng, S. Mayama and T. Hsü: Sci. Repts. Tohoku Univ., Ser. I, 36, 299-306 (1952)
- 116 Studies on Hinokitiol XII. On Chloro- and Bromochlorohinokitiols. E. Sebe, T. Nozoe, P.Y. Yeh and S. Iwamoto: Sci. Repts. Tohoku Univ., Ser. I, 36, 307-22 (1952)
- 117 Tropone and its Derivatives. VIII. On the Reaction of Halotropones. T. Nozoe, S. Seto and S. Matsumura: Proc. Japan Acad., 28, 483-87 (1952)
- 118 5-Hydroxy Derivatives of Tropolone, α -Thujaplicin, and Hinokitiol. T. Nozoe, S. Seto, S. Itô, M. Sato and T. Katono: Proc. Japan Acad., 28, 488-92 (1952)
- 119 Carboxy- and Aminomethyltropolones. T. Nozoe, Y. Kitahara and S. Masamune: Proc. Japan Acad., 29, 17-21 (1953)
- 120 Mercaptotropone and Some of its Allied Compounds. T. Nozoe, M. Sato and K. Matsui: Proc. Japan Acad., 29, 22-6 (1953)
- 121 3-Phenyltropolone and its Derivatives. II. T. Nozoe, S. Itô and K. Sonobe: Proc. Japan Acad., 29, 101-6 (1953)
- 122 Diels-Alder Reaction of Troponoids. II. Reaction of Tropolone and Tropolone Methyl Ether. E. Sebe, Y. Itsuno: Proc. Japan Acad., 29, 107-9 (1953)

- 123 Diels-Alder Reaction of Troponoids. III. Reaction of Halogenohinokitiols and Bromotropolone. E. Sebe and Y. Itsuno: Proc. Japan Acad., 29, 110-12 (1953)
- 124 An Olefinic Reaction, Diels-Alder Reaction of Tropolonoid Substances. E. Sebe, C. Osako and Y. Itsuno: Kumamoto Medical J., 6, 9-19 (1953)
- 125 On 3-Benzyltropolone. T. Nozoe, T. Mukai and I. Murata: Proc. Japan Acad., 29, 169-71 (1953)
- 126 Dipole Moments of Methyltropolones and their Bromo Derivatives. Y. Kurita, T. Mizuno, T. Mukai and M. Kubo: Bull. Chem. Soc. Jpn., 26, 192-4 (1953)
- 127 On the Condensation Product of 3-Carboxy-4-carboxymethyltropolone with Phenylacetaldehyde. T. Nozoe, Y. Kitahara and K. Doi: Proc. Japan Acad., 29, 203-6 (1953)
- 128 The Claisen Rearrangement of o-Bromotropolone. E. Sebe and S. Matsumoto: Proc. Japan Acad., 29, 207-9 (1953)
- 129 Dipole Moments of Bromotropolones, Thujaplicins and Related Compounds. Y. Kurita, T. Nozoe and M. Kubo: Bull. Chem. Soc. Jpn., 26, 242-44 (1953)
- 130 Electron Diffraction Investigation on Tropolone. M. Kimura and M. Kubo: Bull. Chem. Soc. Jpn., 26, 250-52 (1953)
- 131 Dipole Moments of Tropone, 2-Phenyltropone, Tropolone Methyl Ether and the Derivatives. Y. Kurita, S. Seto, T. Nozoe and M. Kubo: Bull. Chem. Soc. Jpn 26, 272-75 (1953)
- 132 Etudes Spectrochimiques de Complexes Metalliques du Troponeide. I. T. Uemura and S. Miyakawa: Science of Light, 2, 146-9 (1953)
- 133 On the Magnetic Susceptibilities of Troponoid System (Part I). Diamagnetism of Hinokitiol (β -Thujaplicin) and α -Thujaplicin. G. Hazato, T. Nozoe, T. Ikenoue, J. Maruha, Y. Kitahara and T. Miura: Sci. Res. Inst., Tohoku Univ., A-5, 278-85 (1953)
- 134 On Hydroxyl Derivatives of Tropolone, α -Thujaplicin and Hinokitiol, and the Attempted Preparation of the so-called "Tropoquinones". T. Nozoe, S. Seto, S. Itô, M. Sato and T. Katono: Sci. Repts. Tohoku Univ., Ser. I, 37, 191-210 (1953)
- 135 Nucleophilic Substitution of Troponoid Compounds. II. Mercaptotropones and Mercaptotropolones. T. Nozoe, M. Sato and K. Matsui: Sci. Repts. Tohoku Univ., Ser. I, 37, 211-

39 (1953)

- 136 Hydroxytropones. I. 2,4,7-Tribromo-5-hydroxytropone. T. Nozoe, Y. Kitahara and H. Abe: Proc. Japan Acad., 29, 347-50 (1953)
- 137 Reaction of Guanidine on Tropolone Methyl Ether. T. Nozoe, T. Mukai, K. Takase, I. Murata and K. Matsumoto: Proc. Japan Acad., 29, 452-56 (1953)
- 138 Improvement of the Synthetic Method for 2-Halotropones and their Reactions. I. Improvement of the Synthetic Method of 2-Halotropones and the Synthesis of 2,3-Dihalotropones. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 275-85 (1953)
- 139 Improvement of the Synthetic Method for 2-Halotropones and their Reactions. II. Application of the Synthetic Reactions of 2-Halotropones. (I). Structural Determination of the Hydrazino Compounds derived from Hinokitiol, Comparison with the Stevens-McFadyen Method. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 286-91 (1953)
- 140 Improvement of the Synthetic Method for 2-Halotropones and their Reactions. III. Application of the Synthetic Reaction of 2-Halotropones. (2). Determination of the Structure of α -Thujaplicin Methyl Ethers. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 292-96 (1953)
- 141 Improvement of the Synthetic Method for 2-Halotropones and their Reactions. IV. Application of the Synthetic Method of 2-Halotropones. (3). Derivation of γ -Thujaplicin from Hinokitiol. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 297-301 (1953)
- 142 6-Amino-1,3-Diazazulene. T. Nozoe, M. Sato, S. Itô, K. Matsui and T. Matsuda: Proc. Japan Acad., 29, 565-69 (1953)
- 143 Improvement of the Synthetic Method for 2-Halotropone and their Reactions. V. On the Structure of the Condensates of 2-Chlorotropone with Ethyl Acetoacetate or Ethyl Malonate. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 367-76 (1953)
- 144 Improvement of the Synthetic Method for 2-Halotropones and their Reactions. VI. Alkaline Reaction of 2,7- and 2,3-Dihalotropones. S. Seto: Sci. Repts. Tohoku Univ., Ser. I, 37, 377-87 (1953)
- 145 Action of Various Amines and Ketonic Agents on 5-Nitrostropolone. T. Nozoe, M. Sato and T. Matsuda: Sci. Repts. Tohoku Univ., Ser. I, 37, 407-22 (1953-54)
- 146 On 2-Phenyltropone and 3-Phenyltropolone. T. Nozoe, T. Mukai, J. Minegishi and T. Fujisawa: Sci. Repts. Tohoku

- Univ., Ser. I, 37, 388-406 (1953)
- 147 On Derivatives of α -Thujaplicin. II. On Nitro Derivatives of α -Thujaplicin (α -Isopropyl-tropolone). K. Yamane and S. Morosawa: Bull. Chem. Soc. Jpn., 27, 18-21 (1954)
- 148 On Derivatives of α -Thujaplicin. III. Azo Dyes of α -Thujaplicin (α -Isopropyl-tropolone). K. Yamane: Bull. Chem. Soc. Jpn., 27, 168-70 (1954)
- 149 1,3-Diazazulene. T. Nozoe, T. Mukai and I. Murata: J. Am. Chem. Soc., 76, 3352-53 (1954)
- 150 Anionoid Substitution of 3-Bromotropolone. T. Nozoe and Y. Kitahara: Proc. Japan Acad., 30, 204-8 (1954)
- 151 Recent Advance in Tropolone Chemistry. T. Nozoe: Kagaku to Kogyo 7, (a) 378-85 (b) 413-23 (1954)
- 152 1,2,3-Triazazulene Derivatives. T. Nozoe, S. Itô and K. Matsui: Proc. Japan Acad., 30, 313-17 (1954)
- 153 Reactions of Isomeric Isopropyl-2-halotropones with Alcoholic Ammonia. T. Nozoe, S. Seto and T. Sato: Proc. Japan Acad., 30, 473-77 (1954)
- 154 Synthesis of 3-Phenyl-1-azazulene. T. Nozoe, Y. Kitahara and T. Arai: Proc. Japan Acad., 30, 478-81 (1954)
- 155 On 2-Substituted Derivatives of 1,3-Diazazulene. T. Nozoe, T. Mukai and I. Murata: Proc. Japan Acad., 30, 482-85 (1954)
- 156 Recent Advance in Tropolone Chemistry. T. Nozoe: Kagaku, 9, (a) 455-61 (b) 573-77 (1954)
- 157 Electron Diffraction Investigation on Tribromotropolone. M. Kubo, M. Kimura and K. Kimura: Bull. Chem. Soc. Jpn., 27, 455-57 (1954)
- 158 On the Magnetic Susceptibilities of Troponoid System. II. Diamagnetism of Methyl Ether Derivatives. J. Maruha, G. Hazato, T. Nozoe, H. Kon and T. Ikenoue: Sci. Repts. Res. Inst. Tohoku Univ., A-6, 193-97 (1954)
- 159 The Crystal Structure of Tropolone Hydrochloride. Y. Sasada, K. Osaki and I. Nitta: Acta Cryst., 7, 113-16 (1954)
- 160 The Dipole Moments and Molecular Structures of Some Substituted Tropones. Y. Kurita and M. Kubo: Bull. Chem. Soc. Jpn., 27, 364-67 (1954)
- 161 Dipole Moments of Troponoids. Y. Kurita: Sci. Repts.

- Tohoku Univ., Ser. I, 38, 85-96 (1954)
- 162 Molecular Orbital Treatment of Azazulenes. I. H. Kon: Sci. Repts. Tohoku Univ., Ser. I, 38, 67-76 (1954)
- 163 The Molecular Structure of Tropolone. M. Kubo, Y. Kurita and M. Kimura: Molecular Structure & Related Problems Monograph Ser., Res. Inst. Appl. Electric Chem. No. 4, 1-15 (1954)
- 164 Polarografie Troponu a Některých Jeho Derivátů. J. Bartek, T. Mukai, T. Nozoe and F. Santavy: Chem Listy 48, 1123-31 (1954)
- 165 Polarography of Tropone and some of its Derivatives. J. Bartek, T. Mukai, T. Nozoe and F. Šantavý: Coll. Czechosl. Chem. Comm., 19, 885-93 (1954)
- 166 Action of Hydrogen Peroxide on Tropolones. I. Hinokitiol. T. Nozoe, M. Sato, S. Itô, K. Matsui and T. Ozeki: Proc. Japan Acad., 30, 599-603 (1954)
- 167 Action of Hydrogen Peroxide on Troponoids. II. Tropolone, β -Methyltropolone and α - and γ -Thujaplicins. T. Nozoe, S. Itô, K. Matsui and T. Ozeki: Proc. Japan Acad., 30, 604-8 (1954)
- 168 Some Derivatives from Colchicine. T. Nozoe, T. Ikemi and S. Itô: Proc. Japan Acad., 30, 609-13 (1954)
- 169 Some Derivatives from Colchicine. T. Nozoe, T. Ikemi and S. Itô: Sci. Repts. Tohoku Univ., Ser. I, 38, 117-29 (1954)
- 170 Synthesis of 3-(p-Methoxyphenyl)-tropolone. T. Nozoe, S. Seto, T. Ikemi, T. Sato and K. Watanabe: Sci. Repts. Tohoku Univ., Ser. I, 38, 130-40 (1954)
- 171 On 2-Phenyltropone and 3-Phenyltropolone II. T. Nozoe, S. Itô, K. Sonobe: Sci. Repts. Tohoku Univ., Ser. I, 38, 141-156 (1954)
- 172 The Synthesis of 1-Azaazulan-2-one and its Electrophilic Substitution. T. Nozoe, S. Seto, S. Matsumura and T. Terasawa: Chem. & Ind., 1954, 1356-57
- 173 The Synthesis of 1-azaazulene and its Derivatives. T. Nozoe, S. Seto, S. Matsumura and T. Terasawa: Chem & Ind., 1954, 1357-58
- 174 Dinitroderivatives of 4-Methyltropolone. T. Muroi: Bull. Yamagata Univ. (Nat. Sci.) 3, 155-59 (1954)

- 175 Action of Hydrogen Peroxide on Tropolones. I. Hinokitiol. T. Nozoe, M. Sato, S. Itô, K. Matsui and T. Ozeki: Sci. Repts. Tohoku Univ., Ser. I, 38, 190-208 (1954-55)
- 176 On the Bromination of 2-Phenyltropone. T. Mukai: Sci. Repts. Tohoku Univ., Ser. I, 38, 280-96 (1954-55)
- 177 Styryltropolone and its Derivatives: T. Nozoe, Y. Kitahara, K. Doi, S. Masamune, M. Endo, M. Ishii and J.G. Shin : Sci. Repts. Tohoku Univ., Ser. I, 38, 257-79 (1954)
- 178 On Selenium Derivatives of Tropolone. E. Sebe and S. Matsumoto: Sci. Repts. Tohoku Univ., 38, Ser. I, 38, 297-307 (1954-55)
- 179 On 3-Formyltropolone and its Allied Compounds. E. Sebe and S. Matsumoto: Sci. Repts. Tohoku Univ., Ser. I, 38, 308-316 (1954-55)
- 180 Synthesis and Properties of 4-Hydroxytropone. T. Nozoe, T. Mukai, Y. Ikegami and T. Toda: Chem. & Ind., 1955, 66-67
- 181 Raman Spectrum of Tropolone. S. Imanishi and M. Ito: Bull. Chem. Soc. Jpn., 28, 75-6 (1955)
- 182 The Structure of Chamenol. T. Nozoe, Y. Kitahara and T. Arai: Bull. Chem. Soc. Jpn., 28, 594-6 (1955)
- 183 Effect of Tropolone and its Allied Compounds on the Ciliary Movement of the Oyster and of the Paramecium. G. Tomita, S. Koizumi, A. Kurosawa and S. Kubota: Sci. Repts. Tohoku Univ., Ser. IV, 21, 8-12 (1955)
- 184 On 2-Arylaminotropones. I. The Syntheses of Several 2-Arylamo-4,7-dibromo-tropones and their Dehalogenation Products. S. Iseda: Bull. Chem. Soc. Jpn., 28, 617-20 (1955)
- 185 Reaction between Tribromotropolone and Sodium Nitrite. K. Yamane: Nippon Kagaku Zasshi, 76, 787-89 (1955)
- 186 Synthesis of 2-Aminoazulene Derivatives from 2-Halogeno-tropones. T. Nozoe, S. Matsumura, Y. Murase and S. Seto: Chem. & Ind., 1955, 1257
- 187 Structure of Hinopurpurin. T. Nozoe, T. Ikemi and T. Ozeki: Proc. Japan Acad., 31, 455-57 (1955)
- 188 Natural Tropolone and Related Troponoids. T. Nozoe: Fortschr. Chem. Org. Naturst., 13, 232-301 (1956)
- 189 The Chemistry of Natural Tropolones and Related Troponoids. T. Nozoe: Festschrift Arthur Stoll, Birkhäuser A.G.,

- Basel, (1956) pp.746-83
- 190 Tropolone. T. Nozoe and S. Seto: Gendai Kagaku, 10, VI-F, Iwanami Shoten, Tokyo, (1956) pp.1-62
- 191 On the Derivatives of 5-Styryl-1,3-diazaazulene. H. Matsumura: Nippon Kagaku Zasshi, 77, 300-2 (1956)
- 192 On Tropone. T. Nozoe, T. Mukai and K. Takase: Sci. Repts. Tohoku Univ., Ser. I, 39, 164-81 (1956)
- 193 On the Anionoid Substitution Reactions of Troponoid Compounds. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 39, 250-57 (1956)
- 194 Reaction of 3-Bromotropolones and Caustic Alkali. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 39, 258-64 (1956)
- 195 Reaction of Bromotropones and Sodium Alkoxides. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 39, 265-74 (1956)
- 196 Reaction of 3,5,7-Tribromotropolone and Alcholic Alkalies. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 39, 275-82 (1956)
- 197 On the Synthesis of 4-Phenyl- and 4-(p-Methoxyphenyl)-1,3-diazaazulenes. K. Kikuchi and T. Muroi: Nippon Kagaku Zasshi 77, 1081-84 (1956)
- 198 Action of Guanidine on 2-Methoxy-3-phenyl- and 2-Methoxy-3-(p-methoxyphenyl)tropones. T. Muroi: Nippon Kagaku Zasshi, 77, 1084-86 (1956)
- 199 On 3-Naphthyltropolones. K. Kikuchi: Nippon Kagaku Zasshi, 77, 1439-42 (1956)
- 200 Synthesis of Azulene Derivatives from Troponoids and Cyanoacetic Ester. T. Nozoe, S. Seto, S. Matsumura and T. Asano: Proc. Japan Acad., 32, 339-43 (1956)
- 201 On Quinoxalo[d]tropone Derivatives. T. Nozoe, S. Itô, S. Suzuki and K. Hiraga: Proc. Japan Acad., 32, 344-48 (1956)
- 202 Syntheses of Benzo[b]tropazines. T. Nozoe, Y. Kitahara, K. Takase and M. Sasaki: Proc. Japan Acad., 32, 349-52 (1956)
- 203 Syntheses of Azulene and 1-Azaazulanone Derivatives by the Application of Cyanoacetamide to Tropolone and 4-Methyltropolone Methyl Ethers. T. Nozoe, S. Seto and S. Nozoe: Proc. Japan Acad., 32, 472-75 (1956)

- 204 Synthesis of 3,5-Bitropolonyl T. Nozoe, T. Ikemi, Y. kikuchi and N. Miyai: Proc. Japan Acad., 32, 476-79 (1956)
- 205 6.6'-Diisopropyl-3,3'-bitropolonyl and some heterocyclic compounds derived from it. T. Nozoe, K. Doi and K. Kitahara: Proc. Japan Acad., 32, 480-82 (1956)
- 206 On 3-, 4-, and 5-Cyano- and 3-, 4-, and 5-Carboxytropolones. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser.I, 40, 74-82(1956)
- 207 Reaction of Bromotropolones and Potassium Salt of Arylsulfonamide. Formation of 3-Arylsulfonamino and 3-Aminotropolones, and Oxazolo[5,4-b]tropones. Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 40, 83-91 (1956)
- 208 Nucleophilic Replacement Reaction of 2-Chloro-5-methyl-1,3-diazaazulene and Synthesis of 5-Methyl-1,3-diazaazulene. H. Akino, K. Sato and Y. Suzuki: Sci. Repts. Tohoku Univ., Ser. I, 40, 92-101 (1956)
- 209 Infrared Spectra of Troponoid Compounds. I. Tropone and Tropolone. S. Kinumaki, K. Aida and Y. Ikegami: Sci. Res. Inst. Tohoku Univ., A-8, 263-69 (1956)
- 210 Near Ultraviolet Absorption Spectrum of Tropolone Vapor. S. Imanishi and M. Ito: J. Chem. Phys., 24, 1272-3 (1956)
- 211 Raman Spectrum of Hinokitiol. S. Imanishi and M. Ito: Bull. Chem. Soc. Jpn., 29, 632-34 (1956)
- 212 On the Near Ultraviolet Absorption Spectra of Tropolone Derivatives. (1). Gaseous Hinokitiol and α -Thujaplicin. K. Asagoe and Y. Okishima: Science of Light, 5, 76-83 (1956)
- 213 Effets de Dérivés Puriniques sur le Métabolisme des Acides Ribonucléiques. III. Effets des Azazulènes sur l' Incorporation du ^{32}P dans les Polyribonucléotides du Foie de Rats. A. Miura and T. Nozoe: Bull. Soc. Chim. biol., 38, 1441-4 (1956)
- 214 Reactions of 1,3-Diazazulens Derivatives with Formaldehyde (1). Formation of New Pigment. K. Sato: Sci. Repts. Hirosaki Univ., 3, 18-24 (1956)
- 215 The Solubilities and the Ionization Constants of Tropolone and its Related Compounds. (II). Tropolone and its Bromo and Methyl Derivatives. N. Yui: Sci. Repts. Tohoku Univ., Ser. I, 40, 102-112 (1956)
- 216 The Solubilities and the Dissociation Constants of Tropolone and its Related Compounds (III). Hydroxy and Methoxytropolones, 2-Mercaptotropone and the Reaction Constant. N. Yui: Sci. Repts. Tohoku Univ., Ser. I, 40, 114-120 (1956)

- 217 Spectrophotometric Studies on Organometallic Complexes used in Analytical Chemistry on the Germanium Complex with 3-hydroxytropolone. Y. Oka and S. Matsuo: Nippon Kagaku Zasshi 77, 1663-68 (1956)
- 218 Spectrophotometric Studies on Organometallic Complexes used in Analytical Chemistry on the Germanium Complex with 3-Hydroxytropolone. Y. Oka and S. Matsuo: Sci. Repts. Res. Inst., Tohoku Univ., A-8, 532-39 (1956)
- 219 Spectrochemical Study of Microscopic Crystals. XII. Polarized Absorption Spectra of Cupric Complexes with Tropolone and Related Compounds. S. Yamada and R. Tsuchida: Bull. Chem. Soc. Jpn., 29, 694-700 (1956)
- 220 Syntheses of Methyl Derivatives of 1-Azaazulene. S. Seto and S. Nozoe: Proc. Japan Acad., 32, 765-68 (1956)
- 221 Diazo- Reactions of 3-Aminotropolones. T. Nozoe, Y. Kitahara and K. Doi: Sci. Repts. Tohoku Univ., Ser. I, 40, 121-32 (1956)
- 222 Infrared Spectra of 2-Aminotropone and Related Compounds. S. Kinumaki, Y. Ikegami and K. Aida: Bull. Chem. Res. Inst. Non-Aqueous Solutions, Tohoku Univ., 6, 49-60 (1956)
- 223 The Crystal and Molecular Structure of Sodium Tropolonate. Y. Sasada and I. Nitta: Acta Cryst., 9, 205-14 (1956)
- 224 A Refinement of the Crystal Structure of Tropolone Hydrochloride. Y. Sasada and I. Nitta: Bull. Chem. Soc. Jpn., 30, 62-8 (1957)
- 225 Ionization Potentials of Some Organic Molecules. IV. Troponoid Compounds. K. Higashi, T. Nozoe and I. Omura: Bull. Chem. Soc. Jpn., 30, 408-410 (1957)
- 226 On 2-Arylaminotropones. II. S. Iseda: Bull. Chem. Soc. Jpn., 30, 694-98 (1957)
- 227 On the Magnetic Susceptibility of Troponoid-System. Part III. Diamagnetism of 2-Mercaptotropone, 2-Methylthiotropone, and 2-Methylthiotropone Hydrochloride. T. Isobe, K. Takahashi and G. Hazato: Bull. Chem. Res. Inst. Non-Aqueous Solutions Tohoku Univ., 7, 37-41 (1957)
- 228 The Dissociation Constants of Tropolone and Hinokitiol from 10° to 40°C and Related Thermodynamic Quantities. S. Saito, H. Manabe and N. Yui: Sci. Repts. Tohoku Univ., Ser. I, 41, 178-82 (1957)
- 229 Molecular Structure of Tropone. K. Kimura, S. Suzuki, M. Kimura and M. Kubo: J. Chem. Phys., 27, 320-21 (1957)

- 230 Studies on Styryltropolone. II. The Action of Urea and Tiourea on 4-Styryltropolone Derivatives. H. Matsumura: Nippon Kagaku Zasshi, 78, 669-71 (1957)
- 231 Mechanism of Reaction between 3,5,7-Tribromotropolone and Sodium Nitrite. K. Yamane: Nippon Kagaku Zasshi, 78, 860-62 (1957)
- 232 β -Dolabrin. A New Natural Tropolone. T. Nozoe, K. Takase and M. Ogata: Chem. & Ind., 1957, 1070
- 233 Synthesis of Azulenoids from Troponoids. T. Nozoe: Yuki Gosei Kagaku Kyokaishi, 15, 497-509 (1957)
- 234 Synthesis of Azulenoids from Troponoids. T. Nozoe: Croat. Chem. Acta, 29, 207-27 (1957)
- 235 The Dipole Moments and Electronic Structures of Some Azulene Derivatives. Y. Kurita and M. Kubo: J. Am. Chem. Soc., 79, 5460-63 (1957)
- 236 Nitro Derivatives of Tropolones. III. T. Nozoe, Y. Kitahara, K. Doi and T. Arai: Bull. Chem. Res. Inst. Non-Aqueous Solutions, Tohoku Univ., 7, 13-24 (1957)
- 237 Chemistry of Natural Tropolone and Allied Compounds. T. Nozoe: Experientia Suppl. VII, 306-27 (1957)
- 238 Infrared Absorption Spectra of Troponoid Compounds. Y. Ikegami: Kagaku No Ryoiki, Special Issue, No. 38, 33-84 (1957)
- 239 Combination Chemotherapy of Cancer. I. Combination Chemotherapy of Yoshida Sarcoma with Azulenoid and Imino Compound. S. Katsura, K. Sato, K. Akaishi, K. Harada and R. Sato: Proc. Japan Acad., 34, 70-2 (1958)
- 240 Correlation Between Yoshida Sarcoma and Human Neoplastic Disease in Cancer Chemotherapy Studies. S. Katsura, K. Sato, K. Akaishi, K. Harada and R. Sato: J. National Cancer Inst., 23, 21-50 (1958)
- 241 Polarographic and Coulometric Studies of Tropolone. N. Tanaka, T. Nozoe, T. Takamura and S. Kitahara: Bull. Chem. Soc. Jpn., 31, 827-32 (1958)
- 242 On the Bromination Reaction of Tropone and its Bromine Compounds. T. Mukai: Bull. Chem. Soc. Jpn., 31, 846-52 (1958)
- 243 Reaction of Troponoids and Organometallic Compounds. III. Synthesis and Reaction of 2,7- and 2,3-Diphenyltropone. T. Mukai: Bull. Chem. Soc. Jpn., 31, 852-57 (1958)
- 244 Mutual Determination of Iron and Tropolone, and Formation

- Constants of its Complex Salts. Y. Oka and S. Matsuo: Japan Analyst., 7, 215-19 (1958)
- 245 Mutual Determination of Iron and Tropolone. Y. Oka and S. Matsuo: Sci. Repts. Res. Inst. Tohoku Univ., A-10, 299-305 (1958)
- 246 Infrared Spectra of Some Troponoid and Aromatic Compounds Absorbed on Column Chromatogram. S. Kinumaki and Y. Ikegami: Sci. Repts. Res. Inst. Tohoku Univ., A-10, 315-24 (1958)
- 247 Ultraviolet Absorption Spectra of Troponoids. T. Mukai: Nippon Kagaku Zasshi, 79, 1547-51 (1958)
- 248 Further Study of Pigments Derived from 5-Methyl-2-substituted 1,3-Diazulenenes. K. Sato: Sci. Repts. Hirosaki Univ., 5, 36 (1958)
- 249 Electron Diffraction Investigation on Tropone. K. Kimura, S. Suzuki, M. Kimura and M. Kubo: Bull. Chem. Soc. Jpn., 31, 1051-56 (1958)
- 250 Recent Advance in Tropolone Chemistry. T. Nozoe: Kagaku To Kogyo, 11, 737-46 (1958)
- 251 Reaction of Formyltropolones. I. Substitution Reaction of 3-Formyl-6-isopropyltropolone. S. Matsumoto: Sci. Repts. Tohoku Univ., Ser. I, 42, 209-14 (1958)
- 252 Reaction of Formyltropolones. II. Condensation Reaction of 3-Formyl-6-isopropyltropolone. S. Matsumoto: Sci. Repts. Tohoku Univ., Ser. I, 42, 215-21 (1958)
- 253 Reaction of Formyltropolones. III. Reaction of Amines and 3-Formyl-6-isopropyltropolones and on Compound of 1,2-Diazafulene System. S. Matsumoto: Sci. Repts. Tohoku Univ., Ser. I, 42, 222-35 (1958)
- 254 Pyrazino[d]tropone Derivatives. S. Ito: Sci. Repts. Tohoku Univ., Ser. I, 42, 247-51 (1958)
- 255 Studies on Quinoxalotropone Derivatives I. Quinoxalotropone and its Oxime. S. Itô: Sci. Repts. Tohoku Univ. Ser. I, 42, 236-46 (1958)
- 256 Studies on Pyridotropolones. I. Synthesis of Pyrido[3,2-d]-tropolones from 5-Amino- α -thujaplicin and 5-Aminohinokitiol. K. Yamane: Nippon Kagaku Zasshi, 80, 75-8 (1959)
- 257 Mercapto Derivatives of 2-Phenyltropone and 2-(p-Methoxy-phenyl)-tropone. T. Muroi: Nippon Kagaku Zasshi, 80, 185-88 (1959)

- 258 Some Reaction of 2-Mercapto-1,3-Diazaazulene. I. Murata: Bull. Chem. Soc. Jpn., 33, 56-8 (1960)
- 259 The Dissociation Constants of Carboxy-tropone and Carboxy-tropolones. N. Tanaka, I.T. Oiwa, T. Kurosawa and T. Nozoe : Bull. Chem. Soc. Jpn., 32, 92-6 (1959)
- 260 Tropones and Tropolones. T. Nozoe: "Non-benzenoid Aromatic Compounds", (Ed. D.G. Ginsburg), Interscience, N.Y. (1959), Chap. VII, pp. 339-463
- 261 Crystal and Molecular Structure of 1-Oxa-azulan-2-one. I. X-ray Determination of Crystal Structure. Y. Sasada: Bull. Chem. Soc. Jpn., 32, 165-70 (1959)
- 262 Crystal and Molecular Structure of 1-Oxa-azulan-2-one. II. A Refinement of the Structure by Low Temperature Technique. Y. Sasada: Bull. Chem. Soc. Jpn., 32, 171-78 (1959)
- 263 Reaction of 2-Chloro-3-phenyltropone and 2-Chloro-7-phenyltropone with Ammonia and Amines. T. Mukai: Bull. Chem. Soc. Jpn., 32, 272-79 (1959)
- 264 Syntheses and Some Reactions of Methylamercapto-2-phenyltropones. T. Muroi: Nippon Kagaku Zasshi, 80, 303-6 (1959)
- 265 Studies on Pyridotropolones. II. Syntheses of 3-Acetyl-4-hydroxy-pyrido[3,2-d]tropolones. K. Yamane: Nippon Kagaku Zasshi, 80, 534-36 (1959)
- 266 Preparations of Some Diaminotropolones. T. Nozoe, Y. Kitahara, K. Doi and M. Takahashi: Bull. Chem. Res. Inst. Non-Aqueous Solutions Tohoku Univ., 9, 7-17 (1959)
- 267 Synthesis of Pyridotropolones from 4-Aminotropolone. K. Doi: Bull. Chem. Res. Inst. Non-Aqueous Solutions, Tohoku Univ., 9, 19-22 (1959)
- 268 Benzoylation of 1,3-Diazaazulene. I. Murata: Bull. Chem. Soc. Jpn., 32, 841-44 (1959)
- 269 Recent Tröponoid Chemistry. T. Nozoe: Kagaku, 14, 722-29 (1959)
- 270 Reactions of Isomeric Isopropyl-2-halotropones with Methylamine or Dimethylamine. T. Sato: Nippon Kagaku Zasshi, 80, 1056-58 (1959)
- 271 Reactions of 2-Chloro- and 2-Tosyloxytropones with Ammonia or Alkali. T. Sato: Nippon Kagaku Zasshi, 80, 1058-61 (1959)
- 272 The Condensation of 2,4,7-Tribromotropone with Ethyl

- Cyanoacetate. H. Akino and S. Matsue: Sci. Repts. Hirosaki Univ., 6, 34-9 (1959)
- 273 Reactions of Isomeric Methyl-2-chlorotropones with Ammonia or Methylamine. T. Sato: Nippon Kagaku Zasshi 80, 1167-71 (1959)
- 274 Reactions of 2,5-Dihalotropones with Ammonia, Synthesis of 4-Halotropolones. T. Sato: Nippon Kagaku Zasshi 80, 1171-74 (1959)
- 275 Studies on Pyridotropolones. III. Quinoxalo Compounds Derived from 2-methyl-8-isopropylpyrido[3,2-d]tropolone and 5-Nitroso- α -thujaplicin. K. Yamane: Nippon Kagaku Zasshi 80, 1175-79 (1959)
- 276 Crystal Structure of 2-Chloro-1-azaazulene. C. Tamura, Y. Sasada and I. Nitta: Bull. Chem. Soc. Jpn., 32, 458-61 (1959)
- 277 Crystal Structure of 2-Amino Azulene. Y. Takaki, Y. Sasada and I. Nitta: J. Phys. Soc. Japan 14, 771-76 (1959)
- 278 The Structure of Methyl Ethers of 4-Bromotropolone and Reactions of 2,4- and 2,6-Dibromotropones with Ammonia. T. Sato: Nippon Kagaku Zasshi 80, 1340-42 (1959)
- 279 On the Structure of the Condensates of 5-Methyltropone Derivatives with Dimethyl Malonate or Ethyl Acetoacetate. T. Sato: Nippon Kagaku Zasshi 80, 1342-45 (1959)
- 280 On the Condensate of 2-Methoxy-3-methyltropone with Dimethyl malonate. T. Sato: Nippon Kagaku Zasshi 80, 1345-47 (1959)
- 281 On the Structure of the Condensates of 4-Methyltropone Derivatives with Dimethyl Malonate or Ethyl Acetoacetate. T. Sato: Nippon Kagaku Zasshi 80, 1347-49 (1959)
- 282 On the Structure of the Condensates of 6-Methyltropone Derivatives with Dimethyl Malonate or Ethyl Acetoacetate. T. Sato: Nippon Kagaku Zasshi 80, 1349-52 (1959)
- 283 Studies on Quinoxalotropone Derivatives. II. Condensation Products of 5-Nitro and 5-Nitrosotropolones with o-Phenylenediamine. S. Itô: Sci. Repts. Tohoku Univ., Ser. I, 43, 216-22 (1959)
- 284 Attempted Syntheses of Thieno and Thiazolo Derivatives of Troponoid System. 2-Thiocyanato, and 2-Thiosemicarbazido Derivatives of Tropone and 5-Thiourea Derivatives of Tropolone. K. Matsui: Sci. Repts. Tohoku Univ., Ser. I 43, 223-31 (1959)
- 285 Methyl- and Isopropyl-1-oxaazulan-2-ones and their Infra-

- red and Ultraviolet Absorption Spectra. T. Sato: Bull. Chem. Res. Inst. Non-Aqueous Solution, Tohoku Univ., 8, 47-67 (1959)
- 286 Tropylium Ions and Troponoids. T. Nozoe, K. Takase and H. Matsumura: Dai Yuki Kagaku (Ed. M. Kotake), Asakura Shoten, Vol. 13, Tokyo (1960), pp.1-437
- 287 Azulenes and Heptafulvene. T. Nozoe and T. Asao: Dai Yuki Kagaku (Ed. M. Kotake), Asakura Shoten, Vol. 13, Tokyo (1960), pp.439-534
- 288 Tropoid Compounds Containing Heterocyclic Rings. T. Nozoe and K. Kikuchi: Dai Yuki Kagaku (Ed. M. Kotake), Asakura Shoten, Vol. 13, Tokyo (1960), pp.535-608
- 289 Cyclopentadienyl Compounds and Other Aromatic Compounds. T. Nozoe and S. Itô: Dai Yuki Kagaku (Ed. M. Kotake), Asakura Shoten, Vol. 13, Tokyo (1960), pp.609-56
- 290 Cuparene and Cuprenene. T. Nozoe and H. Takeshita: Tetrahedron Letters, 1960, No.23, 14-7
- 291 Structure of Thujopsene. T. Nozoe, H. Takeshita, S. Itô, T. Ozeki and S. Seto: Chem. Pharm. Bull., 8, 936-8 (1960)
- 292 Tautomerism of 2-Hydroxy-1,3-diazaazulene. I. Murata: Sci. Repts. Res. Inst. Tohoku Univ., Ser. A, 12, 271-79 (1960)
- 293 Tropones. IV. Ultraviolet Absorption Spectra of Reaction Products of Tropones and Carbonyl Reagents. T. Mukai: Bull. Chem. Soc. Jpn., 33, 238-42 (1960)
- 294 Syntheses of α -, β -, γ -Dolabrin. T. Nozoe, T. Mukai and T. Asao: Bull. Chem. Soc. Jpn., 33, 1452-58 (1960)
- 295 Tropones. V. Addition Reaction of Tropone and Maleic Anhydride. T. Nozoe, T. Mukai, T. Nagase and Y. Toyooka: Bull. Chem. Soc. Jpn., 33, 1247-51 (1960)
- 296 Synthetic of Puberulonic Acid. T. Nozoe, K. Doi and T. Hashimoto: Bull. Chem. Soc. Jpn., 33, 1071-74 (1960)
- 297 Reaction of Troponoids and Organometallic Compounds. IV. Reaction of Bromotropolone Methyl Ethers and Naphthylmagnesium Bromides. K. Kikuchi: Nippon Kagaku Zasshi, 81, 505-8 (1960)
- 298 Reaction of Troponoids and Organometallic Compounds. V. Reaction of Bromotropolones and Alkylmagnesium Iodides. K. Kikuchi: Bull. Chem. Soc. Jpn., 33, 628-33 (1960)
- 299 Syntheses and Reactions of 2-Bromomethyltropones. K. Kikuchi: Bull. Chem. Soc. Jpn., 33, 633-36 (1960)

- 300 The Dipole Moments of Some Heptafulvene Derivatives. M. Yamakawa, H. Watanabe, T. Mukai, T. Nozoe and M. Kubo: J. Am. Chem. Soc., 82, 5665-67 (1960)
- 301 Ultraviolet Absorption Spectra of 1,3-Diazaazulenes. I. Murata: Bull. Chem. Res. Inst. Non-Aqueous Solutions, Tohoku Univ., 9, 99-110 (1960)
- 302 Studies on Pyridotropolones. IV. Synthesis of Pyrido[3,2-d]-tropolones from 5-Amino-4-methyltropolone and 5-Amino-3-bromotropolone. K. Yamane: Nippon Kagaku Zasshi, 81, 295-98 (1960)
- 303 Studies on Pyridotropolones. V. Synthesis of Pyrido-[3,2-d]tropolones by the Reaction of 5-Aminotropolones with Acrolein or α -Bromoacrolein. K. Yamane: Nippon Kagaku Zasshi, 81, 509-12 (1960)
- 304 4- and 6-Isopropyl-2-mercaptotropones. K. Matsui: Bull. Chem. Soc. Jpn., 33, 1448-52 (1960)
- 305 The Synthesis of 4-Aminotropone. K. Doi: Bull. Chem. Soc. Jpn., 33, 887-88 (1960)
- 306 The Reaction Products of 2,4,7-Tribromotropone and Anilines. T. Nozoe, K. Doi and S. Endo: Bull. Chem. Soc. Jpn., 33, 1285-87 (1960)
- 307 A Process for the Preparation of Tropones from Tropilidenes. T. Ikemi, T. Nozoe and H. Sugiyama: Chem. & Ind. 1960, 932-33
- 308 Studies on Styryltropolones. III. The Synthesis of 5-Styryltropolone from 4-Styryltropolone. H. Matsumura: Nippon Kagaku Zasshi, 81, 1763-66 (1960)
- 309 Synthesis of 2-Phenyltropone and its Bromo Derivatives from 2-Phenylsuberone. T. Muroi: Bull. Chem. Soc. Jpn., 33, 1166-70 (1960)
- 310 Reaction of Tropylium Ion with Phenols. T. Nozoe, S. Itô and T. Tezuka: Chem. & Ind., 1088-89 (1960)
- 311 2-Carboxymethylthio- and 2-Hydrazino-1,3-Diazaazulenes. I. Murata: Bull. Chem. Soc. Jpn., 33, 1367-71 (1960)
- 312 Synthesis of thieno[3,2-a]azulene. K. Matsui and T. Nozoe: Chem. & Ind., 1960, 1302-3
- 313 Studies on Pyridotropolones. VI. Rearrangement Reactions of Brominated 8-Isopropyl-pyrido[3,2-d]Tropolones to 7-Iso-propyl-6-quinolinols. K. Yamane: Bull. Chem. Soc. Jpn., 34, 42-6 (1961)

- 314 Syntheses of Benzo [b]tropothiazine and its Derivatives.
T. Nozoe, T. Asao and K. Takahashi: Bull. Chem. Soc. Jpn.,
34, 146-50 (1961)
- 315 On Pyrazino[d,d']ditropone and its Derivatives. T. Asao:
Bull. Chem. Soc. Jpn., 34, 151-53 (1961)
- 316 The Acid Product Obtained in the Synthesis of 2-Phenyl-
tropone Derivatives from 2-Phenylsuberone. T. Muroi: Bull.
Chem. Soc. Jpn., 34, 178-82 (1961)
- 317 Studies on Styryltropolones. IV. Reactions of Tosylates of
4-Styryltropolone with Acids, Alkali and Ammonia. H.
Matsumura: Nippon Kagaku Zasshi 82, 623-26 (1961)
- 318 Studies on Styryltropolones. V. The Reaction of Tosylates
with Amines. H. Matsumura: Nippon Kagaku Zasshi 82, 774-
8 (1961)
- 319 Some Synthetic Application of 3-Carboxy-4-carboxy-methyl-
tropolone. T. Nozoe, Y. Kitahara, K. Doi, M. Funamizu and
T. Terasawa: Bull. Chem. Res. Inst. Non-Aqueous Soln.
Tohoku Univ., Ser. A, 10, 199-211 (1961)
- 320 Tautomerism of 2-Hydroxy-1,3-diazaazulene. I. Murata:
Bull. Chem. Res. Inst. Non-Aqueous Soln. Tohoku Univ., Ser.
A, 10, 213-22 (1961)
- 321 The Reaction of Halotropones with Thiourea. I. The Synthe-
sis of 1-Thia-3-azaazulan-2-one. T. Nozoe, S. Itô, K.
Kitahara and T. Ozeki: Bull. Chem. Res. Inst. Non-Aqueous
Soln. Tohoku Univ., Ser. A, 10, 251-56 (1961)
- 322 The Reaction of Halotropones with Thiourea. II. The Synth-
eses of Isopropyl-1-thia-3-azaazulan-2-ones. I. Murata and
T. Tezuka: Bull. Chem. Res. Inst. Non-Aqueous Soln. Tohoku
Univ., Ser. A, 10, 257-62 (1961)
- 323 On Oxazolo(5,4-b)tropones. T. Nozoe, K. Doi and K.
Kitahara: Bull. Chem. Soc. Jpn., 34, 312-15 (1961)
- 324 Preparation of 4-Aminotropolones by Amination of 3-Iodo-
tropolones with Alkali Amides in Liquid Ammonia. K. Doi:
Bull. Chem. Soc. Jpn., 34, 497-500 (1961)
- 325 The Schmidt Reaction in Some Tropolone Derivatives. K. Doi
: Bull. Chem. Soc. Jpn., 34, 501-4 (1961)
- 326 Partial Debromination of Polybromotropolones with Cuprous
Cyanide and Some Reactions of 4-Bromotropolone. K. Doi:
Bull. Chem. Soc. Jpn., 34, 504-8 (1961)
- 327 The Structure of 4-(α -Ethylene carboxy)ethyltropolone Methyl

- Ether. I. Murata: Bull. Chem. Soc. Jpn., 34, 577-80 (1961)
- 328 5- and 2,5-Substituted 1,3-Diazaazulenes. I. Murata: Bull. Chem. Soc. Jpn., 34, 580-85 (1961)
- 329 A Ring-chain Tautomerism in the Reaction Products of 3-Aminotropolone and Some Ethoxymethyleneacetates. T. Nozoe, K. Doi and K. Kitahara: Bull. Chem. Soc. Jpn., 34, 611-13 (1961)
- 330 A Note on the Ring-chain Tautomerism in the Reaction Products of o-Aminophenol and Some Ethoxymethyleneacetates. T. Nozoe and K. Doi: Bull. Chem. Soc. Jpn., 34, 614-15 (1961)
- 331 On the Structure of 2-Mercaptotropones. T. Nozoe and K. Matsui: Bull. Chem. Soc. Jpn. 34, 616-18 (1961)
- 332 Reaction of Troponoids and Organometallic Compounds. VI. Reaction of Tropone with Grignard Reagents. T. Nozoe, T. Mukai and T. Tezuka: Bull. Chem. Soc. Jpn., 34, 619-22 (1961)
- 333 Diels-Alder Reaction of Troponoids. II. Adducts of Halotropones and Maleic Anhydride. T. Nozoe and Y. Toyooka: Bull. Chem. Soc. Jpn., 34, 623-26 (1961)
- 334 On the Alkaloid of Fritillaria verticillata Willd. var. Thunbergii Baker (I). On the Position of Secondary Hydroxyls and Skeleton of Verticine. S. Itô, M. Kato, K. Shibata and T. Nozoe: Chem. Pharm. Bull., 9, 253-5 (1961)
- 335 Structure of Widdrol. S. Itô, K. Endo, H. Takeshita, T. Nozoe and J.B. Stothers: Chem. & Ind., 1961, 1918-19
- 336 Formation of Naphthol and Naphthoquinone Derivatives from 3,4-Benzotropolone. S. Ebine: Chem. & Ind., 513-14 (1961)
- 337 Tropylium and Related Compounds. T. Nozoe: Progr. Org. Chem., 5, 132-65 (1961)
- 338 Recent Advances in the Chemistry of Azulenes and Natural Hydroazulenes. T. Nozoe and S. Itô: Fortschr. Chem. Org. Naturst., 19, 32-119 (1961)
- 339 Anionoid Substitution of Bromo-3,4-benzotropolones. S. Ebine: Bull. Chem. Soc. Jpn., 34, 887 (1961)
- 340 The Structure of the Condensation Products of Troponoids and Ethyl Cyanoacetate. S. Matsumura: Bull. Chem. Soc. Jpn., 34, 995-99 (1961)
- 341 Infrared Absorption Spectra of 2-Amino-2-(cyano-ethoxy-carbonylmethyl)-3-ethoxycarbonyl- α -benzopyranes. S.

- Matsumura: Bull. Chem. Res. Inst. Non-Aqueous Soln.,
Tohoku Univ., Ser. A, 10, 223-29 (1961)
- 342 Condensation Reaction of Troponoids and Ethyl α -Cyano- β -aminoglutaconate. I. S. Matsumura: Bull. Chem. Soc. Jpn., 34, 1361-66 (1961)
- 343 On 2-Aminotropothione Derivatives. T. Nozoe and K. Matsui: Bull. Chem. Soc. Jpn., 34, 1382-84 (1961)
- 344 Synthesis of Some 8,8-Disubstituted Heptafulvene Derivatives. T. Nozoe, T. Mukai, K. Osaka and N. Shishido: Bull. Chem. Soc. Jpn., 34, 1384-90 (1961)
- 345 Some Electrophilic Substitution Reactions of 4-Aminotropolone. K. Doi: Bull. Chem. Soc. Jpn., 34, 1410-14 (1961)
- 346 Synthesis of 3-Methoxythieno[3,2-a]azulene Derivatives. K. Matsui: Nippon Kagaku Zasshi 82, 1517-20 (1961)
- 347 Synthesis of thieno[3,2-a]azulene Derivatives. K. Matsui: Nippon Kagaku Zasshi 82, 1520-22 (1961)
- 348 Synthesis of 5- and 7-Isopropylthieno[3,2-a]azulene Derivatives. K. Matsui: Nippon Kagaku Zasshi 82, 1522-24 (1961)
- 349 Synthesis and Reactions of Cyano- and Carboxytriones. K. Kikuchi: Bull. Chem. Soc. Jpn., 34, 1610-15 (1961)
- 350 Synthesis of 6-Isopropylthieno[3,2-a]azulene Derivatives. K. Matsui: Nippon Kagaku Zasshi 82, 1665-67 (1961)
- 351 Cationic Substitution of Thieno[3,2-a]azulenes. K. Matsui: Nippon Kagaku Zasshi 82, 1667-71 (1961)
- 352 Synthesis of Furano- and Pyrrolo[3,2-f]azulene Derivatives. T. Nozoe, S. Seto and S. Matsumura: Chem. & Ind., 1961, 1715-16
- 353 Diazo Reactions of 4-Aminotropolones. K. Doi: Bull. Chem. Soc. Jpn., 35, 67-71 (1962)
- 354 Condensation Products of 3-Carboxyl-4-carboxymethyl-tropolone with Piperonal and its Derivatives. T. Kuraoka: Nippon Kagaku Zasshi 83, 584-6 (1962)
- 355 The Reactions of Methyl Ethers of 4-(3',4'-Methylenedioxy-styryl)tropolone and its 2-Chlorotropones with Alcoholic Ammonia. T. Kuraoka: Nippon Kagaku Zasshi 83, 587-90 (1962)
- 356 Determination of Iron (III) as Tropolone-5-sulfonic Acid Chelate. Y. Oka, M. Umehara and T. Nozoe: Nippon Kagaku Zasshi 83, 703-8 (1962)

- 357 The Reaction of 2-Chloro-4(or 6)-(3',4'-Methylenedioxy-styryl)-tropone with Amines. T. Kuraoka: Nippon Kagaku Zasshi 83, 828-30 (1962)
- 358 The Reaction of Tosylates of 4-(3',4'-Methylenedioxystyryl)-tropolone with Hydrochloric Acid with Ammonia. T. Kuraoka: Nippon Kagaku Zasshi 83, 831-33 (1962)
- 359 The Reaction of 2-Methoxy- and 2-Chloro-4-(3',4'-Methylenedioxystyryl)tropone with Guanidine, Thiourea, and Urea. T. Kuraoka: Nippon Kagaku Zasshi 83, 923-7 (1962)
- 360 The Reaction of 2-Methoxy- and 2-chloro-4-(3',4'-methylene-dioxystyryl)tropone with Ethyl Cyanoacetate. T. Kuraoka: Nippon Kagaku Zasshi 83, 928-32 (1962)
- 361 Synthesis of Azuleno[2,1-b]pyridine Derivatives. T. Nozoe and K. Kikuchi: Chem. & Ind., 1962, 358-59
- 362 Syntheses of Bromoazulene Derivatives. S. Matsumura: Chem. Pharm. Bull., 10, 1024-28 (1962)
- 363 The Synthesis of Azulene Derivatives from Troponoids. T. Nozoe, S. Seto, S. Matsumura and Y. Murase: Bull. Chem. Soc. Jpn., 35, 1179-88 (1962)
- 364 Synthesis and Reactions of 2,6-disubstituted 1,3-Diaza-azulene. T. Nozoe, T. Mukai and T. Asao: Bull. Chem. Soc. Jpn., 35, 1188-94 (1962)
- 365 Reaction of 7-Substituted 2-Halotropones with Ethyl Sodio-cyanoacetate. S. Matsumura: Bull. Chem. Soc. Jpn., 35, 672-76 (1962)
- 366 Condensation Reaction of Troponoids with Ethyl α -cyano- β -aminoglutamate. II. Reaction of Alkyl Derivatives of 2-Chlorotropone with Ethyl α -cyano- β -aminoglutamate. S. Matsumura: Bull. Chem. Soc. Jpn., 35, 677-80 (1962)
- 367 General Outline of Troponoid Chemistry (in Chinese). T. Nozoe: Chemistry (Chinese Chem. Soc.), 51, 156-71 (1962)
- 368 Tropylation of Phenol. T. Nozoe and K. Kitahara: Chem. & Ind., 1962, 1192-93
- 369 Acid Dissociation Constants of 5-Substituted Tropolones and the Stability of their Iron Chelates. Y. Oka, M. Umehara and T. Nozoe: Nippon Kagaku Zasshi 83, 1197-1203 (1962)
- 370 Synthesis of 2-Substituted Azulenes by Nucleophilic Substitution Reactions of 2-Haloazulene Derivatives. T. Nozoe, S. Seto and S. Matsumura: Bull. Chem. Soc. Jpn., 35, 1990-98 (1962)

- 371 2-Phenylthiazolo[4,5-b]tropones. T. Nozoe, T. Asao and K. Takahashi: Bull. Chem. Soc. Jpn., 35, 2003-6 (1962)
- 372 Synthesis of 1-Oxaazulan-2-imine Derivatives from Tropone. T. Nozoe, T. Mukai and T. Suzuki: Bull. Chem. Soc. Jpn., 36, 38-44 (1963)
- 373 The Formation and Reactions of 3,5,7-Trinitrotropolone. T. Nozoe, M. Oyama and K. Kikuchi: Bull. Chem. Soc. Jpn 36, 168-73 (1963)
- 374 The Synthesis of Azuleno[2,1-b]pyridine Derivatives. T. Nozoe and K. Kikuchi: Bull. Chem. Soc. Jpn 36, 633-37 (1963)
- 375 Formation of Tropones from Tropilidenes by the Oxidation with Chromic Anhydride-pyridine Complex. T. Nozoe, T. Mukai, T. Tezuka and K. Osaka: Nippon Kagaku Zasshi 84, 662-5 (1963)
- 376 The Synthesis of 5- and 6-Aminoazulene Derivatives. T. Nozoe, K. Takase and M. Tada: Bull. Chem. Soc. Jpn., 36, 1006-9 (1963)
- 377 The Synthesis of 5- and 6-Acetylazulene Derivatives. T. Nozoe, K. Takase and M. Tada: Bull. Chem. Soc. Jpn., 36, 1010-16 (1963)
- 378 Reaction of 5- and 6-Acetylazulene Derivatives with Hydrazines. Formation of Azuleno[4,3-f]pyrazoles. T. Nozoe, K. Takase and M. Tada: Bull. Chem. Soc. Jpn., 36, 1016-20 (1963)
- 379 Chemistry of Seven-membered Aromatic Compounds. Its History and Present State. T. Nozoe: Kagaku No Ryoiki 17, 831-49, 1022-38 (1963)
- 380 Reaction of Tropylium Ion with Tropolone. T. Nozoe, T. Tezuka and T. Mukai: Bull. Chem. Soc. Jpn., 36, 1470-74 (1963)
- 381 Mass Spectrometry in Structural and Stereochemical Problems. XXXVII. Tropone and Tropolone Derivatives. J.M. Wilson, M. Ohashi, H. Budzikiewicz, C. Djerassi, S. Ito and T. Nozoe : Tetrahedron 19, 2247-53 (1963)
- 382 Configuration of Widdrol. S. Itô, K. Endo and T. Nozoe: Chem. Pharm. Bull. 11, 132-35 (1963)
- 383 Structure of α -Kessyl Alcohol and Kessyl Glycol. S. Itô, M. Kodama and T. Nozoe: Tetrahedron Lett., 1963, 1787-92
- 384 On the Alkaloid of Fritillaria verticillata Willd. var. Thunbergii Baker (II). The Strucutre of Verticine. S. Itô,

- M. Kato, K. Shibata and T. Nozoe: Chem. Pharm. Bull., 11, 1337-40 (1963)
- 385 The Reaction of 3-Carboxytropolone and 3-Cyanotropolone with Hydrazine. T. Nozoe, Y. Kitahara, K. Takase and I. Murata: Bull. Chem. Res. Inst. Non-Aqueous Soln. Tohoku Univ., Ser. A, 13, 161-67 (1964)
- 386 6-Isopropyl-3-phenoxytropolone: The Synthesis of 5-Iso-propyltropolone (γ -thujaplicin) from 4-Isopropyltropolone (hinokitiol). K. Takase: Bull. Chem. Res. Inst. Non-Aqueous Soln. Tohoku Univ., Ser. A, 14, 33-40 (1964)
- 387 Some Reactions of 3-Methyltropolone. K. Takase: Bull. Chem. Res. Inst. Non-Aqueous Soln. Tohoku Univ., Ser. A, 13, 169-75 (1964)
- 388 The Fragmentation Reaction of 4-(7-Tropyl)pyrazoles by Bromination. T. Mukai and H. Tsuruta: Bull. Chem. Soc. Jpn., 37, 1018-23 (1964)
- 389 The Thermal Isomerization and Nuclear Magnetic Resonance Spectra of Tropyltropolones. T. Tezuka: Bull. Chem. Soc. Jpn., 37, 1113-17 (1964)
- 390 3-Phenoxytropolone and 2-Phenoxytropone. K. Takase: Bull. Chem. Soc. Jpn., 37, 1288-92 (1964)
- 391 The Reaction of 3-Carboxy- and 3-Cyanotropolone with Hydrazine. T. Nozoe, Y. Kitahara, K. Takase and I. Murata: Bull. Chem. Soc. Jpn. 37, 1292-94 (1964)
- 392 The Synthesis and Some Reactions of Polyphenoxytropolones. K. Takase: Bull. Chem. Soc. Jpn., 37, 1295-97 (1964)
- 393 The Synthesis of 4-Substituted Tropolones from 3-Phenoxytropolone. K. Takase: Bull. Chem. Soc. Jpn., 37, 1298-1301 (1964)
- 394 The Synthesis of 8-Hydroxy-1-oxaazulan-2-one and its Derivatives by the Condensation of 3-Bromotropolones with Diethyl Malonate and Ethyl Acetoacetate. K. Takase: Bull. Chem. Soc. Jpn., 37, 1460-65 (1964)
- 395 Synthesis and Reactions of 4-(5-Phenyl-3-pyrazolyl)tropolones. T. Nozoe, K. Takase and Y. Mochizuki: Bull. Chem. Soc. Jpn., 37, 1641-4 (1964)
- 396 The Synthesis of Diethyl 2-Hydroxyazulene-1,3-Dicarboxylate from Troponoids and Some Reactions of 2-Hydroxyazulene Derivatives. T. Nozoe, K. Takase and N. Shimazaki: Bull. Chem. Soc. Jpn., 37, 1644-48 (1964)
- 397 Mononitro Derivatives of 7-Bromohinokitiol. L.C. Lin, T.

- Nozoe, T. Mukai and Y. Kitahara: Sci. Repts. Tohoku Univ. Ser. I, 48, 96-104 (1964)
- 398 On the Stability of Iron Chelate of 5-Cyanotropolone. Y. Oka and K. Yamamoto: Nippon Kagaku Zasshi 85, 779-81 (1964)
- 399 On the Stability of Iron-4-substituted Tropolones Chelates. Y. Oka, M. Yanai and C. Suzuki: Nippon Kagaku Zasshi 85, 873-79 (1964)
- 400 Chemical Constituents of Essential Oil of Chamaecyparis obtusa, Sieb, et Zucc. Y. Fujise, I. Maruta, S. Itô and T. Nozoe: Chem. Pharm. Bull. Jpn., 12, 991-4 (1964)
- 401 Condensation of 4-Methylcycloheptatrienone Derivatives with Ethyl Cyanoacetate. H. Akino: Sci. Rept. Hirosaki Univ., 11, 18-26 (1964)
- 402 Condensation of 4-Methylcycloheptatrienone Derivatives with Ethyl, Cyanoacete. II. H. Akino: Sci. Rept. Hirosaki Univ., 11, 61-9 (1964)
- 403 Formation and Reactions of 2-Carboxy and 2,7-Dicarboxy-4,5-benzotropone. Y. Suzuki: Ann. Repts. Iwate Univ., 24, 5-10 (1964)
- 404 Pure Quadrupole Resonance of Bromine in Bromotropolones. R. Ikeda, D. Nakamura, S. Ito, H. Sugiyama and M. Kubo: Tetrahedron 20, 909-12 (1964)
- 405 Crystal Structures of Two Isomers of Bromomethoxytropone. K. Furukawa, Y. Sasada, A. Shimada and T. Watanabe: Bull. Chem. Soc. Jpn., 37, 1871-74 (1964)
- 406 Stereochemistry of Widdrol. S. Itô, T. Nozoe and K. Endo: Tetrahedron Lett., 1964, 3375-79
- 407 The Anionoid Substitution Reaction of Diethyl 6-Bromo-azulene-1,3-dicarboxylate. T. Nozoe, K. Takase and M. Tada: Bull. Chem. Soc. Jpn., 38, 247-51 (1965)
- 408 The Synthesis and Some Reaction of 3-Acetonyltropolones. K. Takase: Bull. Chem. Soc. Jpn., 38, 301-6 (1965)
- 409 Some Cationoid Reactions of 4-Ethyltropolone. T. Nozoe, K. Takase and K. Umino: Bull. Chem. Soc. Jpn., 38, 358-62 (1965)
- 410 2-Aryl-5-hydroxy-3-methyl-6(2H)-cyclohepta[c]pyrazolones. The Cyclization Products of 5-Arylazo-4-ethyl-tropolone and its Related Compounds. T. Nozoe, K. Takase and K. Suzuki: Bull. Chem. Soc. Jpn., 38, 362-66 (1965)

- 411 The Reaction of Tropylmalononitrile and Ethyl Tropylcyano-acetate with Acyl Chlorides. T. Mukai and T. Miyashi: Bull. Chem. Soc. Jpn., 38, 469-73 (1965)
- 412 The Thermal Isomerization of Alkoxyycloheptatrienes and Some Reactions of its Products. T. Nozoe and K. Takahashi: Bull. Chem. Soc. Jpn. 38, 665-74 (1965)
- 413 Synthesis of Azulenes from Active Troponoids. I. Reaction of 2-Halotropones and 2-Methoxytropones with Active Methylen Compounds. T. Nozoe, S. Seto, K. Takase, S. Matsumura and T. Nakazawa: Nippon Kagaku Zasshi, 86, 346-63 (1965)
- 414 Nitration of 2-Chlorotropone, Various Types of Rearrangement of 2-Chloro-7-nitrotropone. T. Nozoe, T. Mukai and K. Sakai: Tetrahedron Lett., 1965, 1041-47
- 415 3,4-Benzotropolone and Related Compounds. IV. Azo- and Hydroxy-3,4-benzotropolones. S. Ebine: Bull. Chem. Soc. Jpn., 38, 2029-34 (1965)
- 416 Tautomerism in 3-Bromotropolone. H. Sugiyama, S. Itô and T. Nozoe: Tetrahedron Lett., 1965, 179-82
- 417 Syntheses and Reactions of Deuterated Troponoids. S. Itô, J. Tsunetsugu, T. Kanno, H. Sugiyama and H. Takeshita: Tetrahedron Lett., 1965, 3659-63
- 418 New Constituents of *Thujopsis dolabrata*. S. Itô, K. Endo, H. Honma and K. Ota: Tetrahedron Lett., 1965, 3777-81
- 419 Pyrazolotropolones and their Derivatives. S. Itô, K. Takase, N. Kawabe and H. Sugiyama: Bull. Chem. Soc. Jpn., 39, 253-56 (1966)
- 420 The Synthesis and Reactions of 2-Chloro-5-hydroxytropone. T. Nozoe, T. Aso, E. Takahashi and K. Takahashi: Bull. Chem. Soc. Jpn., 39, 1310-16 (1966)
- 421 The Synthesis of 5- and 6-Aminoazulene Derivatives from 5- and 6-Acetylazulene Derivatives. T. Nozoe, K. Takase and M. Tada: Bull. Chem. Soc. Jpn., 39, 1948-51 (1966)
- 422 The Anionoid Substitution Reaction of Diethyl 2-Acetamido-6-bromoazulene-1,3-dicarboxylate. M. Tada: Bull. Chem. Soc. Jpn., 39, 1954-61 (1966)
- 423 The Synthesis and Reactions of Benzo-1,4-thiazinotropone Derivatives. T. Nozoe, T. Asao and K. Takahashi: Bull. Chem. Soc. Jpn., 39, 1980-8 (1966)
- 424 Forty Years Chemistry in My Life. T. Nozoe: Kagaku To Yakugaku No Kyoshitsu, 10, 33-37, 11, 38-44, 12, 22-27, 13, 34-40 (1966)

- 425 On 2-Cyanotropone Derivatives. T. Asao and M. Kobayashi: Bull. Chem. Soc. Jpn., 2538-41 (1966)
- 426 Benzo-1,4-thiazino[3,2-b]tropone 5-Oxides and 5,5-Dioxides. T. Nozoe, T. Asao and K. Takahashi: Bull. Chem. Soc. Jpn., 39, 1988-94 (1966)
- 427 The Reaction of 2,6-Disubstituted Tropones with Hydrazine. T. Mukai, H. Tsuruta and T. Nozoe: Tetrahedron Lett., 1966, 1063-7
- 428 The Structure of Chamaecynone. A Novel Nor-sesquiterpenoid from Chamaecyparis Formosensis Matsum. T. Nozoe, Y.S. Cheng and T. Toda: Tetrahedron Lett., 1966, 3663-69
- 429 Synthesis and Properties of 3-Formyl-1-azaazulan-2-one. T. Toda: Bull. Chem. Soc. Jpn., 40, 590-94 (1967)
- 430 The Structures of the Products from the Reaction of 3-Bromotropolone and 7-Bromohinokitiol with Caustic Alkali. T. Toda: Bull. Chem. Soc. Jpn., 40, 588-90 (1967)
- 431 The Synthesis of 1,2,3,4-Tetrachloro-6-(azulen-1-yl)fulvenes. T. Toda, P.W. Yang and T. Mukai: Sci. Repts. Tohoku Univ., Ser. I, 50, 208-13 (1967)
- 432 The Tropylation of Polyhydric Phenols and the Dehydrogenation of their Products. K. Takahashi: Bull. Chem. Soc. Jpn., 40, 1462-73 (1967)
- 433 The Synthesis of Hydroxy- and Methoxy-derivatives of p-Benzoquinonetropides. T. Nozoe and K. Takahashi: Bull. Chem. Soc. Jpn., 40, 1473-79 (1967)
- 434 Reaction of Heptagonal Carbonium (Tropylium) Ion. T. Nozoe : Kagaku To Kogyo, 20, 64-71 (1967)
- 435 Structure and Absolute Configuration of α -Kessyl Alcohol and Kessyl Glycol. S. Itô, M. Kodama and T. Nozoe: Tetrahedron, 23, 553-63 (1967)
- 436 The Dehydrogenation of Ortho-tropylphenols and the Synthesis of Furano-p-benzoquinonetropides. T. Nozoe and K. Takahashi: Bull. Chem. Soc. Jpn., 40, 1480-87 (1967)
- 437 Chemical Constituents in the Essential Oil of the Leaves of Chamaecyparis Taiwanensis Masam. T. Yoshida, K. Endo, S. Itô and T. Nozoe: Yakugaku Zasshi, 87, 434-39 (1967)
- 438 Organic Photochemistry. II. Photochemical Reaction of 5-Phenyltropolone and its Methyl Ether. T. Mukai and T. Miyashi: Tetrahedron, 23, 1613-20 (1967)
- 439 New Constituents of Chamaecyparis Formosensis Matsum. T.

Toda, Y.S. Cheng and T. Nozoe: Chem. Pharm. Bull. 903-5
(1967)

- 440 Electrophilic Substitution Reaction of Tropolone Metal Complexes. T. Toda, H. Kubota and T. Nozoe: Nippon Kagaku Zasshi, 88, 1234-5 (1967)
- 441 The Grignard Reaction of 1,3-Diazaazulene. T. Mukai, H. Tsuruta and Y. Momotari: Bull. Chem. Soc. Jpn., 40, 1967-72 (1967)
- 442 Synthesis and Reactions of 5-Azidotropolones (1). T. Nozoe, H. Horino and T. Toda: Tetrahedron Lett., 1967, 5349-53
- 443 The Total Synthesis of Chamaecynone. T. Nozoe, T. Asao, M. Ando and K. Takase: Tetrahedron Lett., 1967, 2821-25
- 444 Structure and Properties of the Condensation Product of 2-Amino-3-ethoxycarbonyl-1-azaazulene and Formamide. T. Nozoe, S. Seto and T. Toda: Bull. Chem. Soc. Jpn., 41, 208-11 (1968)
- 445 Tautomers of Tribromo-4-hydroxytropone. T. Toda, J. Shin and Y. Kitahara: Sci. Repts. Tohoku Univ., Ser. I, 51, 9-14 (1968)
- 446 The Nucleophilic Substitution Reactions in 2-Aminotropone Series II. The Reaction of 2-Dimethylaminotropone and its Tertiary Base with Active Methylenic Compounds, Guanidine, Thiourea, and Orthophenylenediamine. S. Ryu and T. Toda: Sci. Repts. Tohoku Univ., Ser. I, 51, 105-12 (1968)
- 447 NMR Spectra of Tropolone Derivatives. H. Sugiyama: Sci. Repts. Res. Inst., A-20, 34-40 (1968)
- 448 The Electrophilic and Nucleophilic Substitution Reactions of 7-Methylhinokitiol and 2-Dimethylamino-4-isopropyl-7-methyltropone and their Derivatives. T. Toda, Y. Miura and T. Mukai: Nippon Kagaku Zasshi, 89, 804-10 (1968)
- 449 The Reaction of 2,6-Disubstituted Tropones with Hydrazine. T. Mukai, H. Tsuruta and T. Nozoe: Nippon Kagaku Zasshi, 89, 991-98 (1968)
- 450 Synthesis and Properties of Nitrosoazulenes. T. Nozoe, P.W. Yang, H. Ogawa and T. Toda: Bull. Chem. Soc. Jpn., 41, 2095-2101 (1968)
- 451 The Synthesis and Electrophilic and Nucleophilic Substitution Reactions of 6-Chloro-1-azaazulan-2-ones and 2,6-Dichloro-1-azaazulenes. T. Toda, S. Seto and T. Nozoe: Bull. Chem. Soc. Jpn., 41, 2102-11 (1968)
- 452 A New Norsesquiterpene: Chamaecynenol. K. Takase, S. Ibe,

- T. Asao and T. Nozoe: Chem. & Ind., 1968, 1638-39
- 453 Syntheses and Some Properties of 2- and 6-Hydroxyazulenes. K. Takase, T. Asao, Y. Takagi and T. Nozoe: Chem. Communns. 1968. 368-70
- 454 Azocoupling Reaction of 5-Substituted Tropolones. The Formation of 3-Arylazotropolones. T. Toda, H. Horino, T. Mukai and T. Nozoe: Tetrahedron Lett., 1968, 2387-90
- 455 The Maleic Anhydride Adducts of Tropolone and 2-Methoxy-tropone: S. Itô, H. Takeshita, Y. Shoji, Y. Toyooka, T. Nozoe: Tetrahedron Lett., 1968, 3215-18
- 456 The Grignard Reaction of 3-Halotropolone Methyl Ethers. H. Tsuruta, T. Mukai: Bull. Chem. Soc. Jpn., 41, 2489-94 (1968)
- 457 Tropylation of Azulene, 1-Oxaazulan-2-one, and Their Derivatives, and Electrophilic Reactions of the Tropylazulene Derivatives. T. Nozoe, T. Toda, T. Asao and A. Yamanouchi: Bull. Chem. Soc. Jpn., 41, 2935-41 (1968)
- 458 The Electrophilic Substitution Reactions of 2-Aminotropone and its N-Alkyl Derivatives. T. Nozoe, S. Ryu and T. Toda: Bull. Chem. Soc. Jpn., 41, 2978-84 (1968)
- 459 Synthesis of (3-Ethoxycarbonylazulen-1-yl)tropylium Perchlorate. T. Nozoe, T. Toda and A. Yamanouchi: Chem. Communns., 1968, 1675
- 460 The Structure of Two New Acetylenic Nor-sesquiterpenoid Dehydrochamaecynenol and Dehydrochamaecynenal, Isolated from Chamaecyparis formosensis Matsum. T. Asao, S. Ibe, K. Takase, S.Y. Cheng and T. Nozoe: Tetrahedron Lett., 1968, 3639-42
- 461 Prospect and Retrospect in the Development of Nonbenzenoid Aromatic Chemistry. T. Nozoe: Kagaku to Kogyo (Tokyo) 24 -35 (1969)
- 462 Cationid Reactions of 4- and 5-Phenyltropolones. H. Horino: Nippon Kagaku Zasshi, 90, 85-90 (1969)
- 463 The Nucleophilic Substitution Reactions of 2-Aminotropone Derivatives. T. Toda, S. Ryu and T. Nozoe: Bull. Chem. Soc. Jpn., 42, 2028-32 (1969)
- 464 Reactions of Alkyltropylium Ions with a Base. T. Nozoe, K. Takahashi and H. Yamamoto: Bull. Chem. Soc. Jpn., 42, 3277 -84 (1969)
- 465 Substituent Effect in the Transannular π -Interaction of Bicyclo[3,2,2]nona-3,6-dien-2-one Derivatives. S. Itô, H.

- Takeshita, Y. Shoji, Y. Toyooka and T. Nozoe: Tetrahedron Lett., 1969, 443-46
- 466 Base-catalyzed 1-3 Prototropic Isomerization of Cyclohepta-trienes. K. Takahashi, H. Yamamoto and T. Nozoe: Bull. Chem. Soc. Jpn., 43, 200-7 (1970)
- 467 Reversible Photo-valence Isomerization of Troponoids. T. Nozoe, T. Hirai, T. Kobayashi and H. Hayashi: Tetrahedron Lett., 1970, 3501-4
- 468 Novel Behavior of 3,7- and 5,7-Dibromo-4-isopropyltropolone on Bromination: Formation of the Addition Product and the Diketone-type Tautomer of Monocyclic Tropolones. M. Yasunami, K. Takase and T. Nozoe: Tetrahedron Lett., 1970, 4327-30
- 469 Recent Advances in the Chemistry of Troponoids and Related Compounds in our Country. T. Nozoe: Kagaku To Kogyo, 23, 1547-56 (1970)
- 470 "Yuki Kagaku" (Text Book of Organic Chemistry). Ed. T. Nozoe; Vol. I, T. Nozoe, Y. Kitahara, S. Itô, K. Takase, I. Murata, T. Asao and H. Takeshita: Hirokawa Publ. Co., Tokyo (1970), pp.1-524
- 471 Recent Advance in the Chemistry of Troponoids and Related Compounds in Japan. T. Nozoe: Pure Appl. Chem., 28, 239-80 (1971)
- 472 10(S)-Hydroxy-6(R), 9(S)-oxidohexadecanoic Acid, A New Acid in Wool Fat. S. Itô, K. Endo, S. Inoue and T. Nozoe: Tetrahedron Lett., 1971, 4011-14
- 473 Some Oxidation and Reduction Products of 4-Acetyl-tropolone and its Methyl Ethers. T. Nozoe, K. Takase, K. Shimizu and M. Yasunami: Bull. Chem. Soc. Jpn., 44, 1951-56 (1971)
- 474 The Synthesis of 1-Phenylazulene and 2-Phenylazulene from the Troponoid Compound. T. Nozoe, K. Takase and S. Fukuda: Bull. Chem. Soc. Jpn., 44, 2210-13 (1971)
- 475 The Synthesis of 7-Isopropyl-2,4-dimethylazulene (Se-guai-azulene) from 4-Isopropyltropolone. T. Nozoe, K. Takase and S. Fukuda: Bull. Chem. Soc. Jpn., 44, 2215-17 (1971)
- 476 The Bromination of 2-Methoxytropone and its Bromo Derivatives. T. Nozoe, K. Takase and M. Yasunami: Bull. Chem. Soc. Jpn., 44, 2218-21 (1971)
- 477 The Formation of Azulene Derivatives from 2H-Cyclohepta[b]-furan-2-one Derivatives. T. Nozoe, K. Takase, T. Nakazawa and S. Fukuda: Tetrahedron 27, 3357-68 (1971)

- 478 The Reaction of 2-Arylsulfonyloxytropones and Active Methylene Compounds: The Formation of 8-Hydroxy-2H-cyclohepta[b]furan-2-one and 2-Amino-8H-cyclohepta[b]furan-8-one Derivatives. T. Nozoe, K. Takase, M. Kato and T. Nogi: *Tetrahedron*, 27, 6023-35 (1971)
- 479 The Syntheses of 5-Azidotropolones and their Electrophilic, Nucleophilic, and Thermal Reactions. T. Toda, H. Horino and T. Nozoe: *Bull. Chem. Soc. Jpn.*, 45, 226-9 (1972)
- 480 Reactions of 5N-(1,2,3-triazol-1-yl)tropolones. H. Horino and T. Toda: *Bull. Chem. Soc. Jpn.*, 45, 584-87 (1972)
- 481 "Yuki Kagaku". (Text Book of Organic Chemistry) Ed. T. Nozoe; Vol. II, T. Nozoe, Y. Kitahara, S. Itô, K. Takase, I. Murata, T. Asao and H. Takeshita: Hirokawa Publ. Co., Tokyo (1972), pp.513-1107
- 482 "Topics in Nonbenzenoid Aromatic Chemistry". Vol.I Eds. T. Nozoe, R. Breslow, K. Hafner, S. Ito and I. Murata: Hirokawa Publ. Co., Tokyo (1973) pp.1-295
- 483 Temperature-dependent Carbon-13 Nuclear Magnetic Resonance Spectra of Tropolone Acetate. S. Masamune, A.V. Kemp-Jones, J. Green, D.L. Rabenstein, M. Yasunami, K. Takase and T. Nozoe: *J. Chem. Soc., Chem. Commun.*, 1973, 283-84
- 484 The Synthesis of Azulene Derivatives Condensed with Several Heterocycles. T. Nozoe, T. Asao and M. Kobayashi: *Bull. Chem. Soc. Jpn.*, 46, 3161-64 (1973)
- 485 The Synthesis of 1,2-Diamino and 1,2,3-triamino-azulene Derivatives. T. Nozoe, T. Asao and M. Kobayashi: *Bull. Chem. Soc. Jpn.*, 46, 3266-69 (1973)
- 486 Application of the Mannich Reaction to 1-Azaazulane-2-one. Syntheses of Seven-membered Analogues of Tryptophan and Related Compounds. A. Sato, S. Nozoe, T. Toda, S. Seto and T. Nozoe: *Bull. Chem. Soc. Jpn.*, 46, 3530-33 (1973)
- 487 Troponoids, Heptafulvenes and Azulenes. T. Nozoe and I. Murata: *MTP Int. Rev. Sci., Ser. I., Org. Chem.*, Vol. 3 (Ed. H. Zollinger), Butterworths & Co., London (1973) pp. 201-35
- 488 Some Electrophilic Substitution Reactions of 2-Hydroxy-azulene Derivatives. T. Nozoe, T. Asao and M. Oda: *Bull. Chem. Soc. Jpn.*, 47, 681-6 (1974)
- 489 The Diazotization of 2-Aminoazulene Derivatives. The Formation of 2-Diazo-2,6-azulenoquinone Derivatives. T. Nozoe, T. Asao, H. Susumago and M. Ando: *Bull. Chem. Soc. Jpn.*, 47, 1471-76 (1974)

- 490 The Reaction of 3-(ω -Ethoxycarbonylacetyl)-2H-cyclohepta-[b]furan-2-one with Active Methylene Compounds. T. Nozoe, K. Takase, T. Nakazawa, S. Sugita and M. Saito: Bull. Chem. Soc. Jpn., 47, 1750-53 (1974)
- 491 Cyclic Cross-conjugated Hydrocarbons having Inserted p-Quinoid Ring I. Diphenyl-p-tropylphenylmethyl Cation Formed on an Attempted Preparation of 1-Cycloheptatrienyldene-4-diphenylmethylidene-2,5-cyclohexadiene. K. Takahashi, S. Takenaka and T. Nozoe: Tetrahedron, 30, 2191-95 (1974)
- 492 p-(3,4-Diphenyl-1,3-cyclopentadien-1-yl)phenyltropylium Perchlorate. An Intermediate in the Synthesis of [5.6.7]-Quinarene System. K. Takahashi, S. Takenaka, Y. Kikuchi, K. Takase and T. Nozoe: Bull. Chem. Soc. Jpn., 47, 2272-76 (1974)
- 493 Reactions of 1-Azaazulan-2-one and its 3-Substituted Derivatives. T. Toda, S. Ryu, Y. Hagiwara and T. Nozoe: Bull. Chem. Soc. Jpn., 48, 82-4 (1975)
- 494 Syntheses of Indolo[2,3-b]tropones and Benzo[b]-1-aza-azulenes from 2-Hydrazinotropones. T. Nozoe, J.K. Sin, K. Yamane and K. Fujimori: Bull. Chem. Soc. Jpn., 48, 314-18 (1975)
- 495 Reversible Photo-valence Isomerization of Troponoids. T. Kobayashi, T. Hirai, J. Tsunetsugu, H. Hayashi and T. Nozoe: Tetrahedron, 31, 1483-89 (1975)
- 496 "Carbene, Ylide, Nitrene and Benzyne". (Ed. T. Goto, Comp. T. Nozoe and Y. Yukawa) pp.1-474, Hirokawa Publ. Co., Tokyo (1976)
- 497 Troponoids, Heptafulvenes and Azulenes. T. Nozoe and I. Murata: MTP Int. Rev. Sci., Ser. II, Org. Chem., Vol.3 (Ed. H. Zollinger), Butterworths & Co., London (1976) pp.197-229
- 498 "Radical Reactions". (Ed. N. Inamoto, Comp. T. Nozoe and Y. Yukawa) pp.1-414, Hirokawa Publ. Co., Tokyo (1977)
- 499 "Topics in Nonbenzenoid Aromatic Chemistry". Vol. II, Eds. T. Nozoe, R. Breslow, K. Hafner, S. Itô and I. Murata: Hirokawa Publ. Co., Tokyo (1977) pp.1-379
- 500 Retrospect of my Study in the Essential Oil Chemistry. T. Nozoe: Koryo (Perfumery), No.119, 55-58 (1977)
- 501 The Nucleophilic Displacement Reactions of 8-Chloro- and 2,8-Dichloro-3-phenyl-1-azaazulenes. K. Yamane, K. Fujimori, J.K. Sin and T. Nozoe: Bull. Chem. Soc. Jpn., 50, 1184-90 (1977)
- 502 Reactive Troponoids and o-Aminophenol. I. Synthesis of

- Cyclohepta[b][1,4]benzoxazine. T. Nozoe, H. Okai and T. Someya: Bull. Chem. Soc. Jpn., 51, 2185-86 (1978)
- 503 Reactive Troponoids and o-Aminophenol. II. The Formation of Cyclohepta[b][1,4]benzoxazine and 11H-Cyclohepta[b][1,4]-benzoxazin-10-one Derivatives from Isomeric Isopropyl-2-chlorotropones. T. Nozoe and T. Someya: Bull. Chem. Soc. Jpn., 51, 3316-19 (1978)
- 504 The Discovery of Hinokitiol and the Development of Troponoid Chemistry. T. Nozoe: Chemical Education (Chem. Soc. Jpn) 26, (1978) in press
- 505 Steric Effect in 3,7-Disubstituted Tropolone, Chemical and Physical Properties of 3-Phenyl- and 3-Isopropyl-7-tropyltropolones. T. Tezuka and T. Nozoe: Bull. Chem. Soc. Jpn., 52, (1979) in press
- 506 Reactive Troponoids and o-Aminophenol. III. Reaction with 2-Bromo-7-methoxytropone. T. Nozoe, T. Someya and H. Okai: Bull. Chem. Soc. Jpn., 52, (1979) in press
- 507 Reactive Troponoids and o-Aminophenol. IV. Synthesis of 8-Arylazocyclohepta[b][1,4]benzoxazine by the Reaction of 5-Aryltropolone and o-Aminophenol. T. Someya: Bull. Chem. Soc. Jpn., 52, (1979) in press
- 508 Reactive Troponoid and o-Aminophenol. V. Reaction with 3-Bromo-2-methoxytropone. T. Nozoe, H. Okai and T. Someya: Bull. Chem. Soc. Jpn., 52, (1979) in press

Addition

- 285a "Nonbenzenoid Aromatic Compounds" T. Nozoe, K. Takase, H. Matsumura, T. Asao, K. Kikuchi and S. Ito: "Dai-Yuki Kagaku", (Ed. M. Kotake) Vol. 13, Asakura Shoten, Tokyo (1960) pp. 1-691
- 374a The Uranyl Tropolone-5-sulfonic Acid Chelate and Its Use in the Determination of Uranium. Y. Oka, K. Yamamoto, and M. Katagiri: Nippon Kagaku Zasshi, 84, 259-262 (1963)
- 399a Synthesis of Azulenes from Stryltropolone Derivative. H. Matsumura and S. Naganuma: Nippon Kagaku Zashi, 85, 901-905 (1964)