

The IR, NMR, MS spectra and hydrolysis product of **2** were identical to those reported in literature^{2,3}. Further, **3a** inhibited at a concentration of 1 ng/ml the aggregation of human platelet-rich plasma induced by ADP or arachidonic acid.

Reagent	Solvent	Temp. °C	Time min	Product /2/	
				Yield	endo:exo ratio ^x
KJO ₃ +KJ	H ₂ O-AcOH	25	120	85	15 : 1
J ₂	Pyridine	25	1200	84	10 : 1
JCl	CH ₃ CN	0	10	80	2 : 1
NBS	CH ₂ Cl ₂	25	60	81	4 : 1
DBDMH ^{xx}	CH ₂ Cl ₂	25	5	85	7 : 1
DBDMH	CH ₃ CN	25	5	90	10 : 1
DBDMH	CH ₃ CN	0	30	82	5 : 1
DBDMH	CH ₃ CN	-70	30	85	1 : 1
NBCl ^{xxx}	CH ₂ Cl ₂	25	40	78	1 : 1

^xValues based on TLC spot intensities and/or ¹³C-NMR spectra, respectively;
^{xx}1,3-Dibromo-5,5-dimethylhydantoin; ^{xxx}/+/-N-Bromocamphorimide.

REFERENCES AND NOTES

1. Prostacyclin /PGX/ denoted as PGI₂. See: Prostaglandins, **13**, 375 /1977/.
2. S. Moncada, R. J. Gryglewski, S. Bunting, and S. R. Vane, Nature /London/ **263**, 663 /1976/; *idem.*, Prostaglandins, **12**, 685, 715 /1976/; Chem. Eng. News, Dec. **20**, /1976/.
3. E. J. Corey, G. E. Keck and I. Székely, J. Am. Chem. Soc., **99**, 2006 /1977/. We are grateful to Prof. Corey for allowing us to read the manuscript of his paper.
4. D. L. H. Williams, E. Bienvenue-Goetz, and J. E. Dubois, J. Chem. Soc. B, 517 /1969/; E. Demole and P. Enggist, Helv. Chim. Acta, **54**, 456 /1971/; H. Wong, J. Chapuis, and I. Monkovic J. Org. Chem., **39**, 1042 /1974/; T. Kato, C. C. Yen, T. Kobayashi, Y. Kitahara, Chem. Letters, 1191 /1976/, and references cited therein.
5. Separation can be carried out more conveniently from **2c** or **2d**.
6. **exo - 2c** : 172.9, 135.1, 130.4, 83.5, 81.1, 77.3, 71.6, 58.3, 56.0, 51.1, 46.3, 39.9, 37.4, 35.1, 34.4, 32.4, 31.5, 24.9, 22.9, 22.3, 13.9 ppm.
endo- 2c : 172.9, 135.6, 130.7, 80.7, 79.9, 75.7, 71.6, 59.3, 55.1, 51.1, 46.9, 41.5, 37.3, 34.4, 34.2, 32.9, 31.5, 24.9, 23.0, 22.3, 13.9 ppm.

¹³C-NMR spectra were taken by Varian XL-100 instrument.