

Analgesic and Anticonvulsant Activities of Some Newly Synthesized Trisubstituted Pyridine Derivatives

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Z. Naturforsch. **68c**, 264–268 (2013); received July 20, 2012/June 14, 2013

A series of novel pyridine carbohydrazide derivatives were synthesized from the reaction of 2-chloro-6-hydrazino-isonicotinic acid hydrazide with selected active reagents. All prepared compounds were tested as analgesic and anticonvulsant agents. The pharmacological screening showed that many of these compounds have good activities comparable to those of valdecoxib and carbamazepine as reference drugs.

Key words: Citrazinic Acid, Hydrazide, Hydrazones, Analgesic and Anticonvulsant Agents