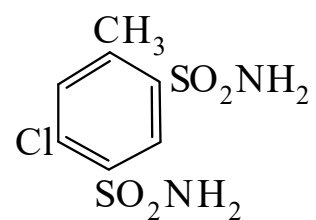




>>Entry Name: Disulfamide, INN

Synonym(s): 4-Chloro-6-methyl-1,3-benzenedisulfonamide, 9Cl. 5-Chloro-2,4-toluenedisulfonamide, 8Cl. **Disulphamide**, BAN. Disamide. Natirene 25. Tolclotidum. Many other names



CAS Registry Number: 671-88-5

Type of Compound Code(s): XA6410 XA3850

Molecular Formula: C₇H₉ClN₂O₄S₂

Molecular Weight: 284.744

Accurate Mass: 283.969225

Percentage Composition: C 29.53%; H 3.19%; Cl 12.45%; N 9.84%; O 22.48%; S 22.52%

Use/Importance: Diuretic

Physical Description: Crystalline powder

Development Status: No longer marketed

Melting Point: Mp 260°

Solubility: Sol. alkalis

Calculated Log P Data: Log P -0.01 (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 3800 mg/kg

References:

David, A. *et al.*, *J. Pharm. Pharmacol.*, 1960, **12**, 65, (*pharmacol*)

Bourdais, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1961, 550, (*synth, pharmacol*)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., *Pharmaceutical Press*, 1982, 2326

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 812, (*synonyms*)