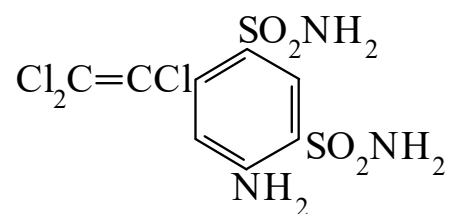




>>Entry Name: Clorsulon, BAN, INN, USAN

Synonym(s): 4-Amino-6-(trichloroethenyl)-1,3-benzenedisulfonamide, 9Cl. Curatrem. MK 401. L 631529



CAS Registry Number: 60200-06-8

Molecular Formula: C₈H₈Cl₃N₃O₄S₂

Molecular Weight: 380.659

Accurate Mass: 378.902178

Percentage Composition: C 25.24%; H 2.12%; Cl 27.94%; N 11.04%; O 16.81%; S 16.85%

Use/Importance: Antiparasitic, fasciolicide, weak carbonic anhydrase inhibitor

Melting Point: Mp 203-205°

Calculated Log P Data: Log P 0.85 (uncertain value) (calc)

Hazard & Toxicity: Induces reversible urothelial cell hyperplasia in rats

References:

Ger. Pat., 1976, *Merck*, 2 556 122; *CA*, **85**, 94100n, (*synth, pharmacol*)

Van den Heuvel, W.J.A. *et al.*, *J. Agric. Food Chem.*, 1977, **25**, 389, (*glc*)

Mrozik, H. *et al.*, *J. Med. Chem.*, 1977, **20**, 1225, (*synth, tox, nmr, uv, pharmacol*)

Schulman, M.D. *et al.*, *J. Parasitol.*, 1982, **68**, 603, (*pharmacol*)

Lankas, G.R. *et al.*, *Food Chem. Toxicol.*, 1992, **30**, 297, (*tox*)

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