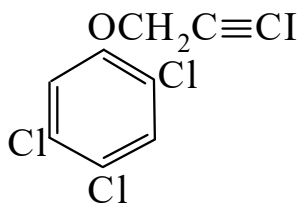




>>Entry Name: Haloprogin, INN, JAN, USAN

Synonym(s): 1,2,4-Trichloro-5-[(3-iodo-2-propynyl)oxy]benzene, 9Cl. 3-Iodo-2-propynyl-2,4,5-trichlorophenyl ether, 8Cl. Fungaclor. Halotex. Mycanden. Mycilan. Polik. M 1028. NSC 100071. Alopogin



CAS Registry Number: 777-11-7

Molecular Formula: C₉H₄Cl₃IO

Molecular Weight: 361.393

Accurate Mass: 359.837244

Percentage Composition: C 29.91%; H 1.12%; Cl 29.43%; I 35.12%; O 4.43%

Use/Importance: Antibacterial and antifungal agent

Physical Description: Pale-yellow cryst.

Melting Point: Mp 113-114°. Mp 190 dec.°

Calculated Log P Data: Log P 4.84 (uncertain value) (calc)

Hazard & Toxicity: Eye and skin irritant. LD₅₀ (rbt, orl) 1625 mg/kg

Sigma: H0259

References:

Seki, S. *et al.*, *Agric. Biol. Chem.*, 1963, **27**, 150, (*synth*)

Seki, S. *et al.*, *Antimicrob. Agents Chemother.*, 1963, 569, (*pharmacol*)

Weikel, J.H. *et al.*, *Toxicol. Appl. Pharmacol.*, 1972, **22**, 375, (*metab, tox*)

Kessler, H.J. *et al.*, *Mykosen*, 1978, **21**, 138, (*pharmacol*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 324

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, IFA000