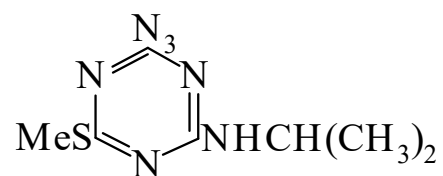




>>Entry Name: Aziprotryne, BSI

Synonym(s): 4-Azido-*N*-(1-methylethyl)-6-methylthio-1,3,5-triazin-2-amine, 9CI. 2-Azido-4-isopropylamino-6-methylthio-1,3,5-triazine. Mesoranil. Brasoran



CAS Registry Number: 4658-28-0

Molecular Formula: C₇H₁₁N₇S

Molecular Weight: 225.277

Accurate Mass: 225.079663

Percentage Composition: C 37.32%; H 4.92%; N 43.52%; S 14.23%

Use/Importance: Selective preemergent herbicide

Physical Description: Cryst. powder

Melting Point: Mp 95°

Solubility: V. spar. sol. H₂O

Hazard & Toxicity: LD₅₀ (rbt, orl) 1800 mg/kg

References:

U.K. Pat., 1963, 1 093 376; *CA*, **64**, 741g

Dufek, P. *et al.*, *J. Chromatogr.*, 1980, **187**, 341, (*hplc*)

Pesticide Manual, 9th edn., 1991, No. 550

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, ASG250