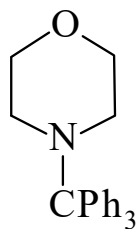




>>Entry Name: 4-(Triphenylmethyl)morpholine, 9Cl

Synonym(s): *N*-Tritylmorpholine. Trifenmorph, BSI, ISO. Frescon



CAS Registry Number: 1420-06-0

Molecular Formula: C₂₃H₂₃NO

Molecular Weight: 329.441

Accurate Mass: 329.177964

Percentage Composition: C 83.86%; H 7.04%; N 4.25%; O 4.86%

Use/Importance: Potent molluscicide. Now superseded

Physical Description: Dimorph. cryst. (EtOH)

Melting Point: Mp 178-180°. Mp 187-189°

Hazard & Toxicity: LD₅₀ (rat, orl) 83 mg/kg

References:

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Boyce, C.B.C. *et al.*, *Nature (London)*, 1966, **210**, 1140, (*synth*)

U.K. Pat., 1970, 1 184 236; *CA*, **72**, 132756, (*synth*)

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Duncan, J., *Pharmacol. Ther.*, 1981, **14**, 67, (*rev*)

Gardner, D.R. *et al.*, *Comp. Biochem. Physiol., A: Comp. Physiol.*, 1989, **93**, 69, (*pharmacol, rev*)

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