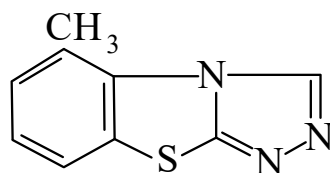




>>Entry Name: Tricyclazole, BSI

ENTRY UNDER REVIEW

Synonym(s): 5-Methyl-1,2,4-triazolo[3,4-*b*]benzothiazole, 9CI. Beam. Bim. Blascide



CAS Registry Number: 41814-78-2

Molecular Formula: C₉H₇N₃S

Molecular Weight: 189.24

Accurate Mass: 189.036067

Percentage Composition: C 57.12%; H 3.73%; N 22.20%; S 16.94%

Use/Importance: Rice fungicide

Physical Description: Cryst. solid

Melting Point: Mp 187-188°

Solubility: Sol. Me₂CO, CHCl₂, MeOH, EtOH; spar. sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) 250 mg/kg

References:

U.K. Pat., 1971, 1 419 121; *CA*, **79**, 18721b

Day, E.W. *et al.*, *Anal. Methods Pestic. Plant Growth Regul.*, 1980, **11**, 263, (*synth, props, detn*)

Dreikorn, B.A. *et al.*, *J. Het. Chem.*, 1989, **26**, 1735, (*synth, bibl*)

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, MQC000