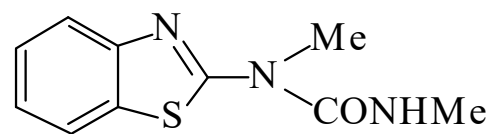




>>Entry Name: *N*-2-Benzothiazolyl-*N,N'*-dimethylurea, 9CI

Synonym(s): Methabenzthiazuron, BSI, ISO. Tribunil. Methibenzuron



CAS Registry Number: 18691-97-9

Molecular Formula: C₁₀H₁₁N₃OS

Molecular Weight: 221.282

Accurate Mass: 221.062282

Percentage Composition: C 54.28%; H 5.01%; N 18.99%; O 7.23%; S 14.49%

Use/Importance: Selective herbicide

Physical Description: Cryst.

Melting Point: Mp 119-120°

Solubility: V. spar. sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) >2500 mg/kg

References:

U.K. Pat., 1965, 1 085 430; *CA*, **68**, 21132p

Fedtke, C., *Pestic. Sci.*, 1973, **4**, 653, (*activity*)

Pont, V. *et al.*, *Phytochemistry*, 1974, **13**, 785, (*metab*)

Pesticide Manual, 9th edn., 1991, No. 8050