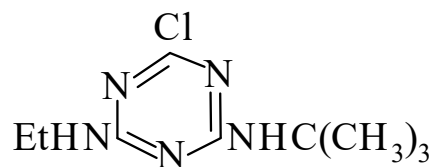




>>Entry Name: Terbutylazine, ANSI, BSI, ISO, WSSA

Synonym(s): 6-Chloro-*N*-(1,1-dimethylethyl)-*N'*-ethyl-1,3,5-triazine-2,4-diamine, 9Cl. 2-*tert*-Butylamino-4-chloro-6-ethylamino-1,3,5-triazine. Gardoprim. Terbutazine. GS 13529



CAS Registry Number: 5915-41-3

Extra CAS Registry Numbers(s): 8072-81-9

Molecular Formula: C₉H₁₆ClN₅

Molecular Weight: 229.712

Accurate Mass: 229.109422

Percentage Composition: C 47.06%; H 7.02%; Cl 15.43%; N 30.49%

Use/Importance: Herbicide. Photosynthetic electron transport inhibitor

Physical Description: Solid

Melting Point: Mp 177-179°

Solubility: V. spar. sol. H₂O; sl. sol. org. solvs.

Hazard & Toxicity: LD₅₀ (rat, orl) 1845 mg/kg

References:

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Ramsteiner, K. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1974, **57**, 192, (*glc*)

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BQB000