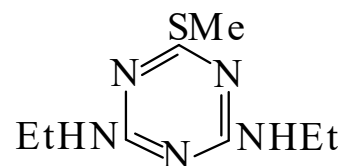




>>Entry Name: Simetryn

Synonym(s): *N,N'*-Diethyl-6-methylthio-1,3,5-triazine-2,4-diamine, 9Cl. 2,4-Bis(ethylamino)-6-methylthio-1,3,5-triazine. Gy-bon



CAS Registry Number: 1014-70-6

Molecular Formula: C₈H₁₅N₅S

Molecular Weight: 213.306

Accurate Mass: 213.104815

Percentage Composition: C 45.05%; H 7.09%; N 32.83%; S 15.03%

Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 82-83°

Hazard & Toxicity: LD₅₀ (rat, orl) 750 mg/kg

Supelco: R42-7324

>>Derivative: S-Oxide

CAS Registry Number: 63028-51-3

Molecular Formula: C₈H₁₅N₅OS

Molecular Weight: 229.305

Accurate Mass: 229.09973

Percentage Composition: C 41.90%; H 6.59%; N 30.54%; O 6.98%; S 13.98%

Source/Synthesis: Metab. of Simetryn

References:

U.K. Pat., 1955, 814 948; *CA*, **54**, 9195b

Graham, A.J. *et al.*, *Cryst. Struct. Commun.*, 1978, **7**, 227, (*cryst struct*)

Degani, I. *et al.*, *Chem. Ind. (London)*, 1986, 671, (*synth*)

Pesticide Manual, 9th edn., 1991, No. 10760