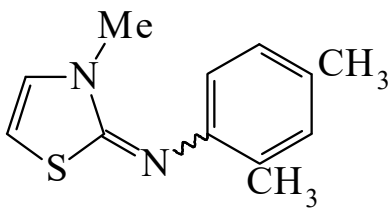




>>Entry Name: Cymiazole

Synonym(s): *N*-(2,3-Dihydro-3-methyl-1,3-thiazol-2-ylidene)-2,4-xylidine. 2,4-Dimethyl-*N*-(3-methyl-2(3*H*)-thiazolylidene)benzenamine, 9CI. *N*-(3-Methyl-4-thiazolin-2-ylidene)-2,4-xylidine. Xymiazol. Tifatol



CAS Registry Number: 61676-87-7

Related CAS Registry Numbers(s): 121034-85-3

Molecular Formula: C₁₂H₁₄N₂S

Molecular Weight: 218.322

Accurate Mass: 218.087768

Percentage Composition: C 66.02%; H 6.46%; N 12.83%; S 14.69%

Use/Importance: Acaricide

Physical Description: Cryst.

Melting Point: Mp 44°

pKa Value: p*K*_a 5.2 (21°)

Hazard & Toxicity: LD₅₀ (rat, orl) 725 mg/kg

References:

Ger. Pat., 1977, 2 531 606; *CA*, **86**, 171438d, (*synth, activity*)

Spradberg, J.P. *et al.*, *Aust. Vet. J.*, 1983, **60**, 57, (*activity*)

Pesticide Manual, 9th edn., 1991, 284