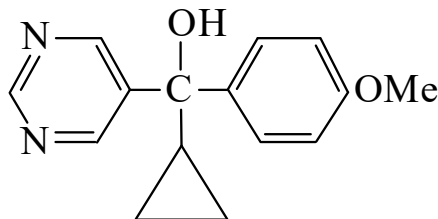




>>Entry Name: Ancymidol, ANSI, BSI, ISO

Synonym(s): α -Cyclopropyl- α -(4-methoxyphenyl)-5-pyrimidinemethanol, 9CI. α -Cyclopropyl-4-methoxy- α -(5-pyrimidinyl)benzyl alcohol. A-Rest. Reducymol



CAS Registry Number: 12771-68-5

Related CAS Registry Numbers(s): 133562-92-2 133562-98-8 133562-99-9

Molecular Formula: $C_{15}H_{16}N_2O_2$

Molecular Weight: 256.304

Accurate Mass: 256.121178

Percentage Composition: C 70.29%; H 6.29%; N 10.93%; O 12.48%

Use/Importance: Plant growth regulator

Physical Description: Cryst.

Melting Point: Mp 110-111°

Solubility: Sl. sol. H_2O , sol. Me_2CO , MeOH, EtOAc, $CHCl_3$

Hazard & Toxicity: LD₅₀ (rat, orl) 4500 mg/kg

Sigma: A9431

References:

U.K. Pat., 1967, 1 218 623; *CA*, **72**, 100745b

West, S.D. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1977, **60**, 904, (detn)

Sisler, H.D. *et al.*, *Pestic. Sci.*, 1984, **15**, 167, (rev)

Taylor, H.M. *et al.*, *J. Med. Chem.*, 1987, **30**, 1359, (synth)

Armstrong, D.W. *et al.*, *J. Chromatogr.*, 1991, **539**, 83, (resoln)

Pesticide Manual, 9th edn., 1991, No. 390

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A17