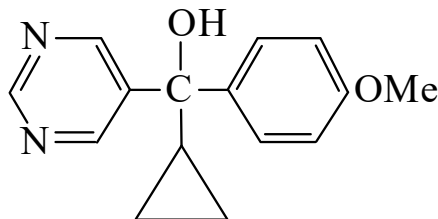




>> **Name:** Ancymidol, ANSI, BSI, ISO

**Synonym(s):**  $\alpha$ -Cyclopropyl- $\alpha$ -(4-methoxyphenyl)-5-pyrimidinemethanol, 9Cl.  $\alpha$ -Cyclopropyl-4-methoxy- $\alpha$ -(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<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

**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<sub>2</sub>O, sol. Me<sub>2</sub>CO, MeOH, EtOAc, CHCl<sub>3</sub>

**Hazard & Toxicity:** LD<sub>50</sub> (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