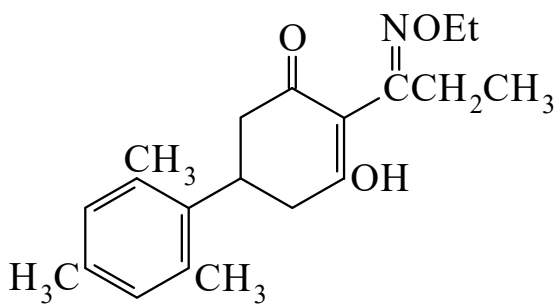




>>Entry Name: Tralkoxydim, BSI

Synonym(s): 2-[1-(Ethoxyimino)propyl]-3-hydroxy-5-(2,4,6-trimethylphenyl)-2-cyclohexen-1-one, 9CI



CAS Registry Number: 87820-88-0

Molecular Formula: $C_{20}H_{27}NO_3$

Molecular Weight: 329.438

Accurate Mass: 329.199094

Percentage Composition: C 72.92%; H 8.26%; N 4.25%; O 14.57%

Use/Importance: Herbicide. Cell division inhibitor

Physical Description: Solid

Melting Point: Mp 106°

Hazard & Toxicity: LD₅₀ (rat, orl) 934-1324 mg/kg

References:

U.K. Pat., 1984, 2 124 198; *CA*, **100**, 205001f, (*synth, activity*)

Secor, J. *et al.*, *ACS Symp. Ser.*, 1989, **389**, 265, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 11785