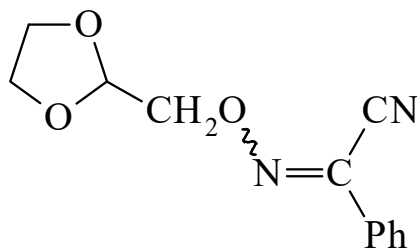




>>Entry Name: Oxabetrinil, BSI

Synonym(s): α -[(1,3-Dioxolan-2-yl)methoxyimino]benzeneacetonitrile, 9CI. CGA 92194. Concep II



CAS Registry Number: 74782-23-3

Related CAS Registry Numbers(s): 94593-79-0

Molecular Formula: C₁₂H₁₂N₂O₃

Molecular Weight: 232.238

Accurate Mass: 232.084793

Percentage Composition: C 62.06%; H 5.21%; N 12.06%; O 20.67%

Use/Importance: Herbicide safener

Physical Description: Cryst.

Melting Point: Mp 78°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Hatzios, K.K., *Weed Sci.*, 1983, **32**, 51; 1984, **24**, 249, (*activity*)

Eur. Pat., 1984, 122 231; *CA*, **102**, 74203q, (*synth, activity*)

Zama, P. *et al.*, *J. Plant Growth Regul.*, 1986, **5**, 59, (*metab*)

Pesticide Manual, 9th edn., 1991, No. 9165