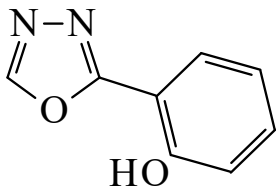




>>Entry Name: 2-(2-Hydroxyphenyl)-1,3,4-oxadiazole

Synonym(s): *o*-1,3,4-Oxadiazol-2-ylphenol, 8Cl. **Fenadiazole**, INN. Hypnazol. Eudormil. Viodor. JL 512



CAS Registry Number: 1008-65-7

Molecular Formula: C₈H₆N₂O₂

Molecular Weight: 162.148

Accurate Mass: 162.042928

Percentage Composition: C 59.26%; H 3.73%; N 17.28%; O 19.73%

Use/Importance: Hypnotic, sedative

Melting Point: Mp 111-112°

Boiling Point: Bp_{0.1} 180°

Calculated Log P Data: Log P 0.26 (calc)

Hazard & Toxicity: LD₅₀ (mus, ipr) 940 mg/kg

Rare Chemicals Library: S41107-8

References:

Maillard, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1961, 529, (*synth*)

Vincent, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1962, 1580, (*synth, pharmacol*)