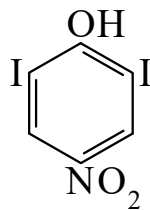




>>Entry Name: 2,6-Diiodo-4-nitrophenol, 9CI

Synonym(s): Disophenol. Ancylol. Devonea. Disofen. Anchilen V. Iodofen



CAS Registry Number: 305-85-1

Type of Compound Code(s): XA0900

Molecular Formula: C₆H₃I₂NO₃

Molecular Weight: 390.904

Accurate Mass: 390.82024

Percentage Composition: C 18.44%; H 0.77%; I 64.93%; N 3.58%; O 12.28%

Use/Importance: Mitochondrial respiratory inhibitor. Vet. anthelmintic. Shows herbicidal props.

Physical Description: Light-yellow feathery cryst. (AcOH)

Melting Point: Mp 157° (153-155°)

Solubility: Sol. EtOH; spar. sol. H₂O

Calculated Log P Data: Log P 3.52 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 170 mg/kg. LD₅₀ (rat, ipr) 105 mg/kg. LD₅₀ (rat, scu) 122 mg/kg. LD₅₀ (rat, ivn) 105 mg/kg

Aldrich: 14541-6

>>Derivative: Me ether

Synonym(s): 1,3-Diiodo-2-methoxy-5-nitrobenzene

CAS Registry Number: 31106-75-9

Molecular Formula: C₇H₅I₂NO₃

Molecular Weight: 404.93

Accurate Mass: 404.83589

Percentage Composition: C 20.76%; H 1.24%; I 62.68%; N 3.46%; O 11.85%

Melting Point: Mp 133-135°

Rare Chemicals Library: S1154-2

References:

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