

Product Data Sheet

Product Name: 5,6-dihydroxy Indole

Cat. No.: GC42484

Chemical Properties

Cas. No. 3131-52-0

SMILES OC1=C(O)C=C(NC=C2)C2=C1

Formula C₈H₇NO₂

M.Wt 149.1

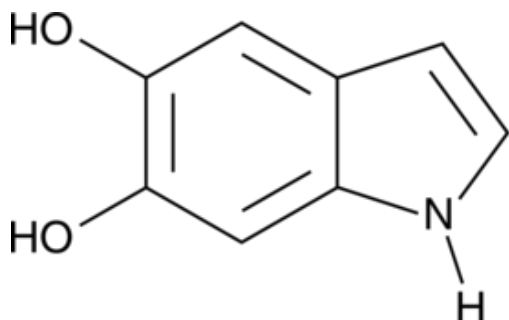
Solubility DMF: 10 mg/ml, DMSO: 3 mg/ml, Ethanol: 10 mg/ml, Ethanol: PBS (pH 7.2) (1:1): 0.5 mg/ml

Storage Store at -20°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

5,6-dihydroxy Indole is an intermediate in melanogenesis. Its precursor is dopachrome. 5,6-dihydroxy Indole can be metabolized to either eumelanin or pheomelanin, depending, in part, on the availability of cysteine.

Caution: Product has not been fully validated for medical applications. For research use only.

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