

Product Data Sheet

Product Name: 6-Bromo-2-oxindole

Cat. No.: GC42574

Chemical Properties

Cas. No. 99365-40-9

SMILES BrC1=CC=C(CC(N2)=O)C2=C1

Formula C₈H₆BrNO

M.Wt 212

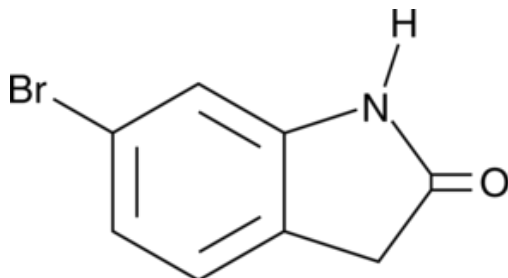
Solubility DMF: 10 mg/ml, DMSO: 3 mg/ml, Ethanol: 10 mg/ml, Ethanol: PBS (pH 7.2) (1:1): 0.5 mg/ml

Storage Store at -20°C

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

6-Bromo-2-oxindole is a secondary metabolite that has been isolated from the sea squirt (*D. skoogi*). It is cytotoxic to MDA-MB-231 breast cancer cells with an IC₅₀ value of 74.41 μM. 6-Bromo-2-oxindole has been used in the synthesis of 1,3-disubstituted 2-oxindoles and indolin-2-one p38α inhibitors, which have anti-inflammatory activity.

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

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