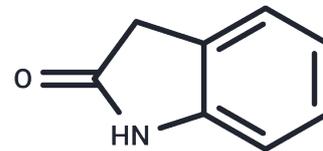


Oxindole

Chemical Properties

CAS No. :	59-48-3
Formula:	C ₈ H ₇ NO
Molecular Weight:	133.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Oxindole (Indolin-2-one) is an aromatic heterocyclic building block. 2-indolinone derivatives have become lead compounds in the research of kinase inhibitors. Oxindole structure has been used in receptor tyrosine kinases (RTKs) inhibitors such as SU4984 and intedanib, the RTK family represents an important therapeutic target for anti-cancer drug development.
Targets(IC50)	Others, HIV Protease

Solubility Information

Solubility	DMSO: 16.67 mg/mL (125.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5103 mL	37.5516 mL	75.1033 mL
5 mM	1.5021 mL	7.5103 mL	15.0207 mL
10 mM	0.751 mL	3.7552 mL	7.5103 mL
50 mM	0.1502 mL	0.751 mL	1.5021 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481