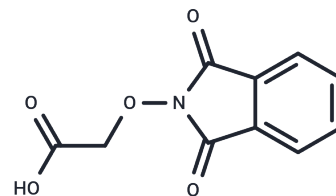


2-Phthalimidehydroxy-acetic acid

Chemical Properties

CAS No. : 134724-87-1
Formula: C₁₀H₇NO₅
Molecular Weight: 221.17
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	2-Phthalimidehydroxy-acetic acid is an alkyl chain-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5214 mL	22.607 mL	45.2141 mL
5 mM	0.9043 mL	4.5214 mL	9.0428 mL
10 mM	0.4521 mL	2.2607 mL	4.5214 mL
50 mM	0.0904 mL	0.4521 mL	0.9043 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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