

2-Phthalimidehydroxy-acetic acid

Chemical Properties

CAS No. : 134724-87-1

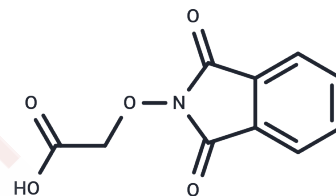
Formula: C₁₀H₇NO₅

Molecular Weight: 221.17

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Phthalimidehydroxy-acetic acid is an alkyl chain-based PROTAC linker utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs are bifunctional molecules comprising two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase while the other binds the target protein. These compounds leverage 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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