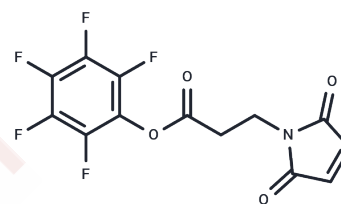


Mal-PFP ester

Chemical Properties

CAS No. :	138194-55-5
Formula:	C13H6F5NO4
Molecular Weight:	335.186
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Mal-PFP ester is a alkyl/ether-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the ubiquitin-proteasome system within cells, PROTACs facilitate the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9834 mL	14.9169 mL	29.8338 mL
5 mM	0.5967 mL	2.9834 mL	5.9668 mL
10 mM	0.2983 mL	1.4917 mL	2.9834 mL
50 mM	0.0597 mL	0.2983 mL	0.5967 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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