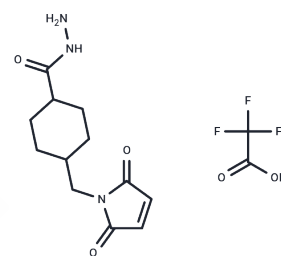


Mal-C2-cyclohexylcarboxyl-hydrazide TFA

Chemical Properties

CAS No. :	359436-59-2
Formula:	C ₁₄ H ₁₈ F ₃ N ₃ O ₅
Molecular Weight:	365.31
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Mal-C2-cyclohexylcarboxyl-hydrazide TFA is a alkyl chain-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 are composed of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7374 mL	13.687 mL	27.374 mL
5 mM	0.5475 mL	2.7374 mL	5.4748 mL
10 mM	0.2737 mL	1.3687 mL	2.7374 mL
50 mM	0.0547 mL	0.2737 mL	0.5475 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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