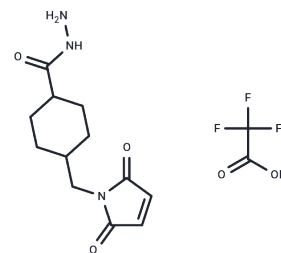


Mal-C2-cyclohexylcarboxyl-hydrazide TFA

Chemical Properties

CAS No. :	359436-59-2
Formula:	C ₁₄ H ₁₈ F ₃ N ₃ O ₅
Molecular Weight:	365.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other 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	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.

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