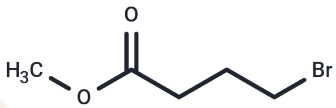
Data Sheet (Cat.No.T40574)

TargetMol

Br-C3-methyl ester

Chemical Properties



CAS No. : 4897-84-1

Formula: C5H9BrO2

Molecular Weight: 181.03

Storage: Keep away from direct sunlight
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	Br-C3-methyl ester is an alkyl/ether-based PROTAC linker utilized for the synthesis of PROTAC PD-1/PD-L1 degrader-1.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker–one binding to an E3 ubiquitin ligase and the other to the target protein–utilize the ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5239 mL	27.6197 mL	55.2395 mL
5 mM	1.1048 mL	5.5239 mL	11.0479 mL
10 mM	0.5524 mL	2.762 mL	5.5239 mL
50 mM	0.1105 mL	0.5524 mL	1.1048 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

Binbin Cheng, et al. Discovery of novel resorcinol diphenyl ether-based PROTAC-like molecules as dual inhibitors and degraders of PD-L1. Eur J Med Chem. 2020;199:112377.

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