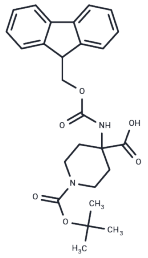
Data Sheet (Cat.No.T64322)

TargetMol

4-(9H-fluoren-9-ylmethoxycarbonylamino)-piperidine-1,4-dicarboxylic acid mono-tert-butyl ester

Chemical Properties



CAS No. : 183673-66-7

Formula: C26H30N2O6

Molecular Weight: 466.53

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	4-(9H-fluoren-9-ylmethoxycarbonylamino)-piperidine-1,4-dicarboxylic acid mono-tert-butyl ester is a substituted piperidine derivative widely used in organic synthesis as a linker to form peptide and peptidomimetic molecules, and is widely used in peptide synthesis and peptide mimicry, as well as in the synthesis of pharmaceuticals, biopolymers and other organic molecules.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (128.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1435 mL	10.7174 mL	21.4348 mL
5 mM	0.4287 mL	2.1435 mL	4.287 mL
10 mM	0.2143 mL	1.0717 mL	2.1435 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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

Taura D, et al. Remote-controlled regio- and diastereodifferentiating photodimerization of a dynamic helical peptide-bound 2-substituted anthracene. Chem Commun (Camb). 2020 Nov 3;56(87):13433-13436.

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