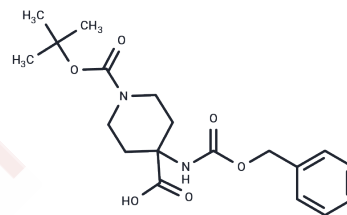


4-Benzyloxycarbonylamino-piperidine-1,4-dicarboxylic acid mono-tert-butyl ester

Chemical Properties

CAS No. :	288154-16-5
Formula:	C ₁₉ H ₂₆ N ₂ O ₆
Molecular Weight:	378.42
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-Benzyloxycarbonylamino-piperidine-1,4-dicarboxylic acid mono-tert-butyl ester is a biologically active compound used as an intermediate in the synthesis of a variety of compounds.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (145.34 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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

Liu W, et al. A biomimetic SH2 cross-coupling mechanism for quaternary sp³-carbon formation. Science. 2021 Dec 3;374(6572):1258-1263.

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