

NH2-PEG3-C2-Boc

Chemical Properties

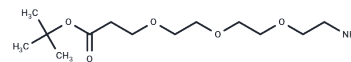
CAS No. : 252881-74-6

Formula: C₁₃H₂₇NO₅

Molecular Weight: 277.36

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Amino-PEG3-t-butyl ester is a PEG derivative containing an amino group with the t-butyl protected carboxyl group. The t-butyl protected carboxyl group can be deprotected under acidic conditions.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6054 mL	18.0271 mL	36.0542 mL
5 mM	0.7211 mL	3.6054 mL	7.2108 mL
10 mM	0.3605 mL	1.8027 mL	3.6054 mL
50 mM	0.0721 mL	0.3605 mL	0.7211 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

Pignatello R, Impallomeni G, Pistarà V, Cupri S, Graziano AC, Cardile V, Ballistreri A. New amphiphilic derivatives of poly(ethylene glycol) (PEG) as surface modifiers of colloidal drug carriers. III. Lipoamino acid conjugates with

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