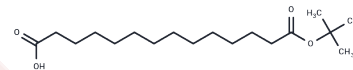


tert-Butyl hydrogen tetradecanedioate

Chemical Properties

CAS No. : 234082-00-9
 Formula: C₁₈H₃₄O₄
 Molecular Weight: 314.46
 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	tert-Butyl hydrogen tetradecanedioate is a short linker composed of a carboxylic acid and a tert-butyl ester. The carboxylic acid group can react with alcohols or amines, while the tert-butyl ester can undergo selective deprotection, allowing it to form esters or amides when the carboxylic acid reacts.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1801 mL	15.9003 mL	31.8005 mL
5 mM	0.636 mL	3.1801 mL	6.3601 mL
10 mM	0.318 mL	1.590 mL	3.1801 mL
50 mM	0.0636 mL	0.318 mL	0.636 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.

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