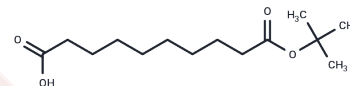


10-(tert-Butoxy)-10-oxodecanoic acid

Chemical Properties

CAS No. :	234081-96-0
Formula:	C ₁₄ H ₂₆ O ₄
Molecular Weight:	258.354
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	10-(tert-Butoxy)-10-oxodecanoic acid is a short linker composed of a carboxylic acid and a tert-butyl ester. The carboxylic acid group can bind to alcohols or amines, while the tert-butyl ester can be selectively deprotected to allow the formation of esters or amides as part of a carboxylic acid reaction.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8707 mL	19.3536 mL	38.7072 mL
5 mM	0.7741 mL	3.8707 mL	7.7414 mL
10 mM	0.3871 mL	1.9354 mL	3.8707 mL
50 mM	0.0774 mL	0.3871 mL	0.7741 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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