

10-Aminodecanoic acid

Chemical Properties

CAS No. : 13108-19-5

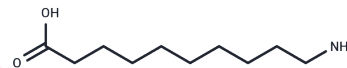
Formula: C₁₀H₂₁NO₂

Molecular Weight: 187.279

Keep away from direct sunlight

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-Aminodecanoic acid is an alkane chain featuring terminal carboxylic acid and amino groups. This compound serves as a PROTAC linker in PROTAC synthesis and other conjugation applications. The amino group (NH ₂) can react with carboxylic acids, activated NHS esters, and carbonyls (ketones, aldehydes), while the terminal carboxylic acid can react with primary amines of activated NHS esters to form stable amide bonds.
Targets(IC50)	PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3396 mL	26.698 mL	53.396 mL
5 mM	1.0679 mL	5.3396 mL	10.6792 mL
10 mM	0.534 mL	2.6698 mL	5.3396 mL
50 mM	0.1068 mL	0.534 mL	1.0679 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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