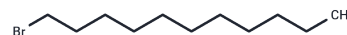


1-Bromoundecane

Chemical Properties

CAS No. :	693-67-4
Formula:	C ₁₁ H ₂₃ Br
Molecular Weight:	235.204
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	1-Bromoundecane (n-Undecyl bromide) is a chemical reagent characterized by a bromine atom attached along a saturated C11 chain. The bromine can be readily substituted by nucleophilic agents such as alcohols or amines. Additionally, 1-Bromoundecane (n-Undecyl bromide) serves as an intermediate in the synthesis of lipids used in lipid nanoparticles.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2517 mL	21.2585 mL	42.517 mL
5 mM	0.8503 mL	4.2517 mL	8.5034 mL
10 mM	0.4252 mL	2.1259 mL	4.2517 mL
50 mM	0.085 mL	0.4252 mL	0.8503 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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