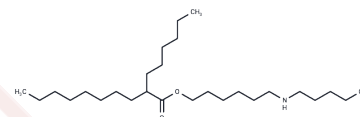


## 6-((4-Hydroxybutyl)amino)hexyl 2-hexyldecanoate

### Chemical Properties

CAS No. : 2644752-88-3  
 Formula: C<sub>26</sub>H<sub>53</sub>NO<sub>3</sub>  
 Molecular Weight: 427.7  
 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	6-((4-Hydroxybutyl)amino)hexyl 2-hexyldecanoate is a lipid compound utilized in the synthesis of nanomaterials. Additionally, 6-((4-Hydroxybutyl)amino)hexyl is pivotal in creating nucleic acid delivery systems and forms a crucial component of nanolipid particles used for delivery vectors.
Targets(IC50)	Liposome

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3381 mL	11.6904 mL	23.3809 mL
5 mM	0.4676 mL	2.3381 mL	4.6762 mL
10 mM	0.2338 mL	1.169 mL	2.3381 mL
50 mM	0.0468 mL	0.2338 mL	0.4676 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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