

## Heptadecan-9-amine

## Chemical Properties

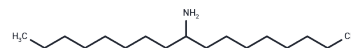
CAS No. : 3241-20-1

Formula: C<sub>17</sub>H<sub>37</sub>N

Molecular Weight: 255.482

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	Heptadecan-9-amine (9-Aminoheptadecane) is a PEG linker featuring maleimide and TFP ester terminal groups. The maleimide group reacts with thiols at a pH between 6.5 and 7.5, while the TFP ester can interact with primary amine groups and is less susceptible to hydrolysis than NHS esters. The hydrophilic PEG chain enhances the compound's solubility in aqueous media, with longer PEG chains offering improved solubility compared to shorter ones.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9142 mL	19.571 mL	39.142 mL
5 mM	0.7828 mL	3.9142 mL	7.8284 mL
10 mM	0.3914 mL	1.9571 mL	3.9142 mL
50 mM	0.0783 mL	0.3914 mL	0.7828 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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