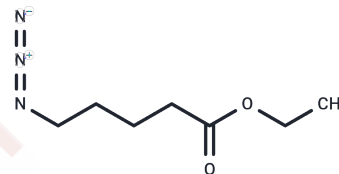


## 5-Azidopentanoic acid ethyl ester

## Chemical Properties

CAS No. : 89896-39-9  
 Formula: C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 171.197  
 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	5-Azidopentanoic acid ethyl ester is an azide compound used in the synthesis of other substances. It has been shown to inhibit cancer cell proliferation both in vitro and in vivo. This compound reacts with amines to form conjugates, which can then serve as probes for identifying amine-containing proteins.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8411 mL	29.2056 mL	58.4112 mL
5 mM	1.1682 mL	5.8411 mL	11.6822 mL
10 mM	0.5841 mL	2.9206 mL	5.8411 mL
50 mM	0.1168 mL	0.5841 mL	1.1682 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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