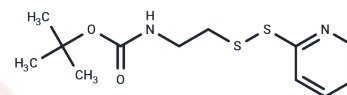


## tert-Butyl (2-(pyridin-2-yl)disulfanyl)ethylcarbamate

## Chemical Properties

CAS No. : 535943-48-7  
 Formula: C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>  
 Molecular Weight: 286.414  
 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	tert-Butyl (2-(pyridin-2-yl)disulfanyl)ethylcarbamate consists of a tert-butyl group, with an amine that can be deprotected under mild acidic conditions. The other part of the molecule functions as a thiol-specific labeling agent, commonly utilized for reversible binding to cysteine residues on proteins.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4915 mL	17.4575 mL	34.915 mL
5 mM	0.6983 mL	3.4915 mL	6.983 mL
10 mM	0.3491 mL	1.7457 mL	3.4915 mL
50 mM	0.0698 mL	0.3491 mL	0.6983 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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