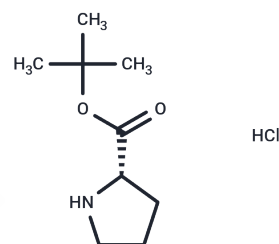


## L-Proline tert-butyl ester hydrochloride

### Chemical Properties

CAS No. : 5497-76-7  
 Formula: C<sub>9</sub>H<sub>18</sub>ClNO<sub>2</sub>  
 Molecular Weight: 207.70  
 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	L-Proline tert-butyl ester hydrochloride (tert-Butyl L-prolinate hydrochloride) is a bioactive compound renowned for its ability to inhibit the activity of cysteine and tissue proteases, making it extensively used in the research and development of protease inhibitors. Its properties confer significant importance within the biochemical field.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8146 mL	24.0732 mL	48.1464 mL
5 mM	0.9629 mL	4.8146 mL	9.6293 mL
10 mM	0.4815 mL	2.4073 mL	4.8146 mL
50 mM	0.0963 mL	0.4815 mL	0.9629 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481