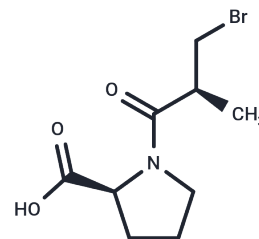


## Captopril EP Impurity B

## Chemical Properties

CAS No. : 80629-35-2  
 Formula: C<sub>9</sub>H<sub>14</sub>BrNO<sub>3</sub>  
 Molecular Weight: 264.12  
 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	Captopril EP Impurity B, a degradation product of Captopril (SQ-14534), serves as a thiol-containing, competitive inhibitor of the angiotensin-converting enzyme (ACE), demonstrating oral activity and potent antihypertensive effects with an IC <sub>50</sub> value of 0.025 μM [1] [2] [3].
Targets(IC <sub>50</sub> )	Others,Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7862 mL	18.9308 mL	37.8616 mL
5 mM	0.7572 mL	3.7862 mL	7.5723 mL
10 mM	0.3786 mL	1.8931 mL	3.7862 mL
50 mM	0.0757 mL	0.3786 mL	0.7572 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