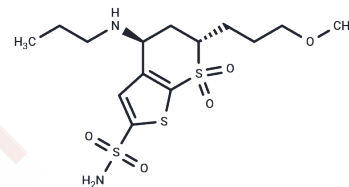


L-693612

## Chemical Properties

CAS No. : 138301-71-0  
 Formula: C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>S<sub>3</sub>  
 Molecular Weight: 396.55  
 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-693612 is an inhibitor of carbonic anhydrase.
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5218 mL	12.6088 mL	25.2175 mL
5 mM	0.5044 mL	2.5218 mL	5.0435 mL
10 mM	0.2522 mL	1.2609 mL	2.5218 mL
50 mM	0.0504 mL	0.2522 mL	0.5044 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.

## Reference

Wong BK, Bruhin PJ, Lin JH. Dose-dependent pharmacokinetics of L-693,612, a carbonic anhydrase inhibitor, following oral administration in rats. *Pharm Res.* 1994 Mar;11(3):438-41. PubMed PMID: 8008713.  
 Woolf EJ, Au T, Kasper M, Constanzer M, Matuszewski B. Simultaneous determination of L-693,612, a topical carbonic anhydrase inhibitor, and two potential metabolites in human whole blood by ion-pair high-performance liquid chromatography. *J Chromatogr A.* 1994 Feb 4;660(1-2):307-12. PubMed PMID: 8148993.

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