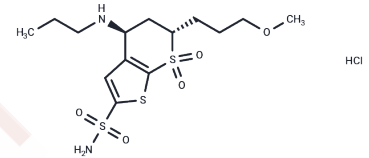


L-693612 HCl

Chemical Properties

CAS No. : 138301-72-1
 Formula: C₁₄H₂₅ClN₂O₅S₃
 Molecular Weight: 433.01
 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 HCl is an inhibitor of carbonic anhydrase.
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3094 mL	11.5471 mL	23.0942 mL
5 mM	0.4619 mL	2.3094 mL	4.6188 mL
10 mM	0.2309 mL	1.1547 mL	2.3094 mL
50 mM	0.0462 mL	0.2309 mL	0.4619 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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