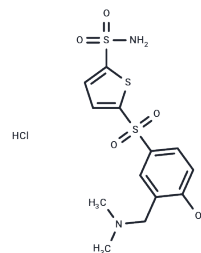


L 662583

## Chemical Properties

CAS No. : 119731-75-8  
 Formula: C<sub>13</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>5</sub>S<sub>3</sub>  
 Molecular Weight: 412.93  
 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 662583 is a topical inhibitor of carbonic anhydrase.
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4217 mL	12.1086 mL	24.2172 mL
5 mM	0.4843 mL	2.4217 mL	4.8434 mL
10 mM	0.2422 mL	1.2109 mL	2.4217 mL
50 mM	0.0484 mL	0.2422 mL	0.4843 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

Brechue WF, Maren TH. pH and drug ionization affects ocular pressure lowering of topical carbonic anhydrase inhibitors. Invest Ophthalmol Vis Sci. 1993 Jul;34(8):2581-7. PubMed PMID: 8325759.

Sugrue MF, Gautheron P, Mallorga P, Nolan TE, Graham SL, Schwam H, Shepard KL, Smith RL. L-662,583 is a topically effective ocular hypotensive carbonic anhydrase inhibitor in experimental animals. Br J Pharmacol. 1990 Jan;99(1):59-64. PubMed PMID: 2110013; PubMed Central PMCID: PMC1917492.

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