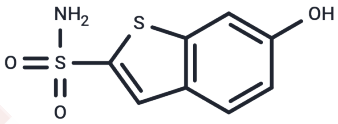
Data Sheet (Cat.No.T32453)

TargetMol

L 650719

Chemical Properties



CAS No. : 96803-89-3

Formula: C8H7NO3S2

Molecular Weight: 229.28

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 650719 is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3615 mL	21.8074 mL	43.6148 mL
5 mM	0.8723 mL	4.3615 mL	8.723 mL
10 mM	0.4361 mL	2.1807 mL	4.3615 mL
50 mM	0.0872 mL	0.4361 mL	0.8723 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

Graham SL, Shepard KL, Anderson PS, Baldwin JJ, Best DB, Christy ME, Freedman MB, Gautheron P, Habecker CN, Hoffman JM, et al. Topically active carbonic anhydrase inhibitors. 2. Benzo[b]thiophenesulfonamide derivatives with ocular hypotensive activity. J Med Chem. 1989 Dec;32(12):2548-54. PubMed PMID: 2585443.

Bar-Ilan A, Pessah NI, Maren TH. Ocular hypotensive activity and disposition of the topical carbonic anhydrase inhibitor 6-hydroxy-benzo[b]thiophene-2-sulfonamide, L-650,719, in the rabbit. J Ocul Pharmacol. 1989 Summer;5 (2):99-110. PubMed PMID: 2754300.

Grove J, Gautheron P, Plazonnet B, Sugrue MF. Ocular distribution studies of the topical carbonic anhydrase inhibitors L-643,799 and L-650,719 and related alkyl prodrugs. J Ocul Pharmacol. 1988 Winter;4(4):279-90. PubMed PMID: 3246565.

Werner EB, Gerber DS, Yoder YJ. Effect of a topical carbonic anhydrase inhibitor, 6-hydroxybenzo[b]thiophene-2-sulfonamide, on intraocular pressure in normotensive subjects. Can J Ophthalmol. 1987 Oct;22(6):316-9. PubMed PMID: 3322537.