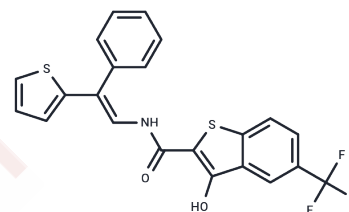


L 652343

Chemical Properties

CAS No. : 102565-09-3
 Formula: C₂₂H₁₄F₃NO₂S₂
 Molecular Weight: 445.48
 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 652343 is an inhibitor of cyclooxygenase and 5-lipoxygenase in vitro. It also inhibits the synthesis of the products of both these pathways in whole cells.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2448 mL	11.2238 mL	22.4477 mL
5 mM	0.449 mL	2.2448 mL	4.4895 mL
10 mM	0.2245 mL	1.1224 mL	2.2448 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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

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Bailey PJ, Dallob AL, Allison DL, Anderson RL, Bach T, Durette PL, Hand KM, Hopple SL, Luell S, Meurer R, et al. Pharmacology of the dual inhibitor of cyclooxygenase and 5-lipoxygenase 3-hydroxy-5-trifluoromethyl-N-(2-(2-thienyl)-2-phenyl-ethenyl)-benzo (b)thiophene-2-carboxamide. *Arzneimittelforschung.* 1988 Mar;38(3):372-8. PubMed PMID: 3132928.

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