

U75302

Chemical Properties

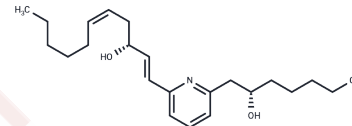
CAS No. : 119477-85-9

Formula: C₂₂H₃₅NO₃

Molecular Weight: 361.52

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	U75302 is an antagonist of thymosin beta-4 (TB4) receptor with a Ki value of 159 nM on guinea pig lung membranes.
Targets(IC50)	Others,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7661 mL	13.8305 mL	27.661 mL
5 mM	0.5532 mL	2.7661 mL	5.5322 mL
10 mM	0.2766 mL	1.383 mL	2.7661 mL
50 mM	0.0553 mL	0.2766 mL	0.5532 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

Falcone, R.C., and Aharony, D. Modulation of ligand binding to leukotriene B4 receptors on guinea pig lung membranes by sulfhydryl modifying reagents. *Journal of Pharmacology and Experimental Therapeutics* 255, 565-571 (1990).

Lin, A.H.,Morris, J.,Wishka, D.G., et al. Novel molecules that antagonize leukotriene B4 binding to neutrophils. *Annals of the New York Academy of Sciences* 524, 196-200 (1988).

Wang, S.,Gustafson, E.,Pang, L., et al. A novel hepatointestinal leukotriene B4 receptor. *The Journal of Biological Chemistry* 275, 40686-40694 (2000).

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