

SB 201146

Chemical Properties

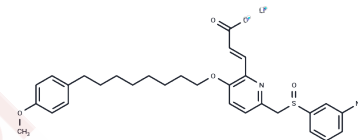
CAS No. : 141311-11-7

Formula: C₃₀H₃₅LiN₂O₅S

Molecular Weight: 542.61

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	SB 201146 is a leukotriene B4 antagonist with high affinity.
Targets(IC50)	Others,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8429 mL	9.2147 mL	18.4294 mL
5 mM	0.3686 mL	1.8429 mL	3.6859 mL
10 mM	0.1843 mL	0.9215 mL	1.8429 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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

- Beeh KM, Kornmann O, Buhl R, Culpitt SV, Giembycz MA, Barnes PJ. Neutrophil chemotactic activity of sputum from patients with COPD: role of interleukin 8 and leukotriene B4. *Chest*. 2003 Apr;123(4):1240-7. PubMed PMID: 12684317.
- Lee E, Robertson T, Smith J, Kilfeather S. Leukotriene receptor antagonists and synthesis inhibitors reverse survival in eosinophils of asthmatic individuals. *Am J Respir Crit Care Med*. 2000 Jun;161(6):1881-6. PubMed PMID: 10852761.
- Lee E, Lindo T, Jackson N, Meng-Choong L, Reynolds P, Hill A, Haswell M, Jackson S, Kilfeather S. Reversal of human neutrophil survival by leukotriene B(4) receptor blockade and 5-lipoxygenase and 5-lipoxygenase activating protein inhibitors. *Am J Respir Crit Care Med*. 1999 Dec;160(6):2079-85. PubMed PMID: 10588632.
- Salmon M, Walsh DA, Huang TJ, Barnes PJ, Leonard TB, Hay DW, Chung KF. Involvement of cysteinyl leukotrienes in airway smooth muscle cell DNA synthesis after repeated allergen exposure in sensitized Brown Norway rats. *Br J Pharmacol*. 1999 Jul;127(5):1151-8. PubMed PMID: 10455261; PubMed Central PMCID: PMC1566132.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481