

LTB4 antagonist 1

Chemical Properties

CAS No. :	2929239-84-7
Formula:	C ₂₆ H ₂₃ N ₀₆
Molecular Weight:	445.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	LTB4 Antagonist 1, a carboxamide-acid derivative, potently inhibits Leukotriene B4 (LTB4) activity with an IC ₅₀ value of 288 nM and exhibits notable anti-inflammatory properties [1].
Targets(IC ₅₀)	Leukotriene Receptor
In vivo	LTB4 antagonist 1 (Compound 24b; 30 mg/kg; oral administration) demonstrated significant anti-inflammatory activity one hour after administration in a rat carrageenan-induced paw edema model [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2449 mL	11.2244 mL	22.4487 mL
5 mM	0.449 mL	2.2449 mL	4.4897 mL
10 mM	0.2245 mL	1.1224 mL	2.2449 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.

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