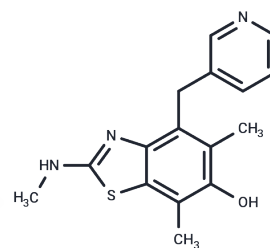


E 3040

Chemical Properties

CAS No. : 145096-30-6
 Formula: C₁₆H₁₇N₃O₃
 Molecular Weight: 299.39
 Storage: Store at low temperature
 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	E 3040 is a dual inhibitor of 5-lipoxygenase and thromboxane synthase with oral activity. E 3040 exhibits anti-inflammatory activity .
Targets(IC50)	Lipoxygenase,Prostaglandin Receptor
In vivo	E 3040 (30-100 mg/kg, oral) exhibits anti-inflammatory effects in LPS-induced rat model [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3401 mL	16.7006 mL	33.4012 mL
5 mM	0.668 mL	3.3401 mL	6.6802 mL
10 mM	0.334 mL	1.6701 mL	3.3401 mL
50 mM	0.0668 mL	0.334 mL	0.668 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

Oketani K, et al. Effect of E3040, an inhibitor of 5-lipoxygenase and thromboxane synthase, on rat bowel damage induced by lipopolysaccharide. Eur J Pharmacol. 2001 Sep 14;427(2):159-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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