

Indomethacin farnesil

Chemical Properties

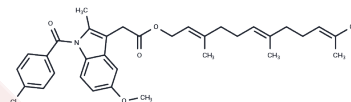
CAS No. : 85801-02-1

Formula: C₃₄H₄₀ClNO₄

Molecular Weight: 562.14

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Indomethacin farnesil (Infree) is a prodrug of indomethacin. It acts as a nonsteroidal anti-inflammatory drug (NSAID) and disease-modifying anti-rheumatic drug (DMARD).
Targets(IC50)	Autophagy, COX

Solubility Information

Solubility	DMSO: 5.63 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7789 mL	8.8946 mL	17.7892 mL
5 mM	0.3558 mL	1.7789 mL	3.5578 mL
10 mM	0.1779 mL	0.8895 mL	1.7789 mL
50 mM	0.0356 mL	0.1779 mL	0.3558 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

Ono K , Hashimoto T , Satoh T . Eosinophilic Pustular Folliculitis Clinically Presenting as Orofacial Granuloma: Successful Treatment with Indomethacin, But Not Ibuprofen[J]. Acta Dermato Venereologica, 2015, 95(3):361-362.

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