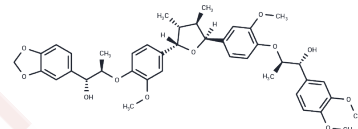


Manassantin B

Chemical Properties

CAS No. :	88497-88-5
Formula:	C41H48O11
Molecular Weight:	716.81
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	Manassantin B is a potent inhibitor of NF- κ B activation by the suppression of transcriptional activity of RelA/p65 subunit of NF- κ B. It also possesses anti-EBV lytic replication activity. Manassantin B inhibits interleukin-6-induced signal transducer and activator of transcription 3 activation in Hep3B cells, it has potential as a potent anti-inflammatory drug for use in pathological processes such as sepsis or acute lung injury. Manassantin B exerts antifibrotic activity in HSC-T6 cells, in part, via inhibition of cell proliferation and decrease of collagen production.
Targets(IC50)	ERK,Bcl-2 Family,NF- κ B,STAT,Antifection,JNK,p38 MAPK,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3951 mL	6.9753 mL	13.9507 mL
5 mM	0.279 mL	1.3951 mL	2.7901 mL
10 mM	0.1395 mL	0.6975 mL	1.3951 mL
50 mM	0.0279 mL	0.1395 mL	0.279 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