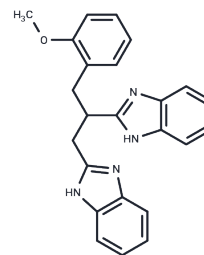


DBMB

Chemical Properties

CAS No. :	314027-66-2
Formula:	C ₂₄ H ₂₂ N ₄ O
Molecular Weight:	382.458
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	DBMB is a spleen tyrosine kinase (Syk) inhibitor that significantly suppresses Syk enzyme activity. It possesses anti-inflammatory properties by inhibiting NF-κB signaling, thereby reducing the production of inflammatory mediators such as nitric oxide (NO) and prostaglandin E2 (PGE2). DBMB can be utilized in research on inflammatory diseases.
Targets(IC50)	NF-κB,Syk,NO Synthase,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6147 mL	13.0733 mL	26.1465 mL
5 mM	0.5229 mL	2.6147 mL	5.2293 mL
10 mM	0.2615 mL	1.3073 mL	2.6147 mL
50 mM	0.0523 mL	0.2615 mL	0.5229 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

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