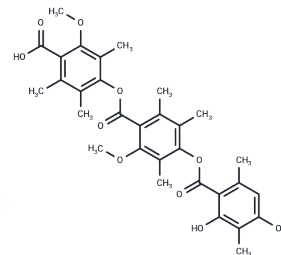


Thielavin B

Chemical Properties

CAS No. :	71950-67-9
Formula:	C ₃₁ H ₃₄ O ₁₀
Molecular Weight:	566.6
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	Thielavin B, produced by <i>Thielavia terricola</i> , functions as an inhibitor of prostaglandin biosynthesis, specifically targeting the synthesis of prostaglandin E2 from the endoperoxide. It demonstrates significant efficacy in reducing carrageenan-induced edema in rats when administered intravenously.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7649 mL	8.8246 mL	17.6491 mL
5 mM	0.353 mL	1.7649 mL	3.5298 mL
10 mM	0.1765 mL	0.8825 mL	1.7649 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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

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