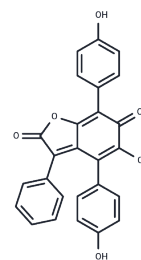


Theleganbanin B

Chemical Properties

CAS No. :	31554-34-4
Formula:	C ₂₆ H ₁₆ O ₆
Molecular Weight:	424.40
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	Theleganbanin B is a p-terphenyl derivative discovered in the mushroom (Thelephora ganbajun). It inhibits the production of TNF- α , IL-6, and IL-1 β in BV-2 microglial cells induced by LPS. Theleganbanin B also suppresses the phosphorylation of JAK2/STAT3 and holds potential for neurodegenerative disease research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3563 mL	11.7813 mL	23.5627 mL
5 mM	0.4713 mL	2.3563 mL	4.7125 mL
10 mM	0.2356 mL	1.1781 mL	2.3563 mL
50 mM	0.0471 mL	0.2356 mL	0.4713 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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