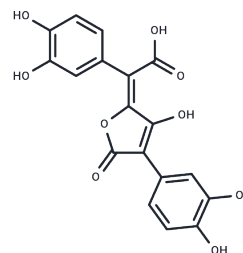


Variiegatic acid

Chemical Properties

CAS No. :	20988-30-1
Formula:	C ₁₈ H ₁₂ O ₉
Molecular Weight:	372.28
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	Variiegatic acid is a natural inhibitor of β -hexosaminidase release and tumor necrosis factor (TNF)- α secretion from rat basophilic leukemia (RBL 2H3) cells, with IC ₅₀ values of 10.4 μ M and 16.8 μ M, respectively, also inhibiting PKC β 1 activity with an IC ₅₀ value of 36.2 μ M.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6862 mL	13.4308 mL	26.8615 mL
5 mM	0.5372 mL	2.6862 mL	5.3723 mL
10 mM	0.2686 mL	1.3431 mL	2.6862 mL
50 mM	0.0537 mL	0.2686 mL	0.5372 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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