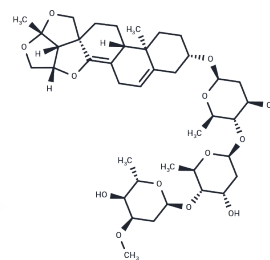


Anti-inflammatory agent 80

Chemical Properties

CAS No. :	2128277-55-2
Formula:	C40H60O13
Molecular Weight:	748.9
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	Anti-inflammatory agent 80, an anti-inflammatory and anti-tumor compound, can be isolated from <i>Cynanchum limprichtii</i> Schltr [1] [2].
Targets(IC50)	NO Synthase
In vitro	Anti-inflammatory agent 80 (Compound 2) exhibits cytotoxicity against human cancer cell line HL60 [1]. Additionally, Anti-inflammatory agent 80 (Compound 2f; 100 µM; 1 h) significantly suppresses LPS-induced iNOS protein expression in RAW264.7 cells as demonstrated by Western blot analysis [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3353 mL	6.6765 mL	13.3529 mL
5 mM	0.2671 mL	1.3353 mL	2.6706 mL
10 mM	0.1335 mL	0.6676 mL	1.3353 mL
50 mM	0.0267 mL	0.1335 mL	0.2671 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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