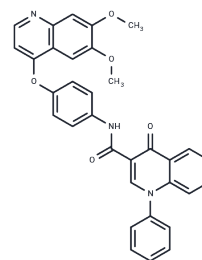


Anti-inflammatory agent 41

Chemical Properties

CAS No. :	2896204-90-1
Formula:	C33H25N3O5
Molecular Weight:	543.57
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	The anti-inflammatory agent 41 (13a) markedly inhibits lipopolysaccharide (LPS)-induced expression of the proinflammatory cytokines IL-6 and TNF- α in J774A.1, THP-1, and LX-2 cells, while also preventing the activation of the NF- κ B pathway [1].
Targets(IC50)	NF- κ B, Interleukin, TNF
In vitro	Anti-inflammatory agent 41 (13a) significantly reduced LPS-induced nuclear translocation of p65 in J774A.1 macrophages.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8397 mL	9.1984 mL	18.3969 mL
5 mM	0.3679 mL	1.8397 mL	3.6794 mL
10 mM	0.184 mL	0.9198 mL	1.8397 mL
50 mM	0.0368 mL	0.184 mL	0.3679 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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