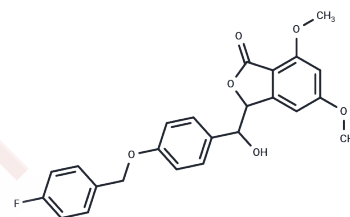


## Anti-inflammatory agent 21

## Chemical Properties

CAS No. :	2408836-40-6
Formula:	C <sub>24</sub> H <sub>21</sub> F <sub>0</sub> O <sub>6</sub>
Molecular Weight:	424.42
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 21 (compound 9o) is a low cytotoxic, orally active anti-inflammatory agent that targets NO (IC <sub>50</sub> : 0.76 μM). It accumulates ROS and inhibits the NF-κB/MAPK signaling pathway to exert anti-inflammatory effects, showing beneficial effects on cartilage destruction and inflammatory cell infiltration in a rat model of arthritis.
Targets(IC <sub>50</sub> )	Others,NF-κB,Reactive Oxygen Species,NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3562 mL	11.7808 mL	23.5616 mL
5 mM	0.4712 mL	2.3562 mL	4.7123 mL
10 mM	0.2356 mL	1.1781 mL	2.3562 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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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