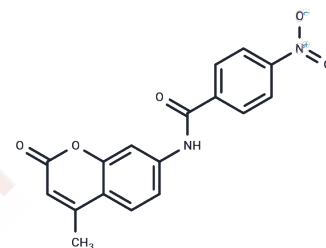


## Anti-inflammatory agent 34

## Chemical Properties

CAS No. :	867301-81-3
Formula:	C <sub>17</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	324.29
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 34 shows moderate acute anti-inflammatory activity and analgesic activity in vivo.
Targets(IC50)	Others, Immunology/Inflammation related

## Solubility Information

Solubility	DMSO: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0837 mL	15.4183 mL	30.8366 mL
5 mM	0.6167 mL	3.0837 mL	6.1673 mL
10 mM	0.3084 mL	1.5418 mL	3.0837 mL
50 mM	0.0617 mL	0.3084 mL	0.6167 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.

## Reference

Ronad PM, et al. Synthesis and evaluation of anti-inflammatory and analgesic activities of a novel series of substituted-N-(4-methyl-2-oxo-2H-chromen-7-yl) benzamides. *Arzneimittelforschung*. 2008;58(12):641-6.

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