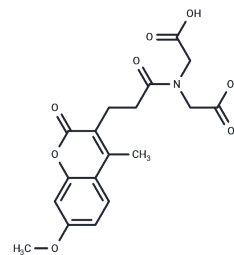


## cGAS-IN-1

## Chemical Properties

CAS No. :	858770-07-7
Formula:	C <sub>18</sub> H <sub>19</sub> N <sub>0</sub> O <sub>8</sub>
Molecular Weight:	377.35
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	cGAS-IN-1 (compound C20), a flavonoid that acts as a Cyclic GMP-AMP Synthase (cGAS) inhibitor, demonstrates IC <sub>50</sub> values of 2.28 μM for human cGAS and 1.44 μM for mouse cGAS. By inhibiting the abnormal activation of cGAS linked to numerous immune-mediated inflammatory diseases, cGAS-IN-1 possesses potential anti-inflammatory properties [1].
Targets(IC <sub>50</sub> )	Others,cGAS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6501 mL	13.2503 mL	26.5006 mL
5 mM	0.530 mL	2.6501 mL	5.3001 mL
10 mM	0.265 mL	1.325 mL	2.6501 mL
50 mM	0.053 mL	0.265 mL	0.530 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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