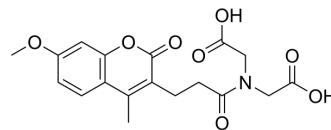


cGAS-IN-1

Cat. No.:	HY-149526
CAS No.:	858770-07-7
Molecular Formula:	C ₁₈ H ₁₉ NO ₈
Molecular Weight:	377.35
Target:	Cyclic GMP-AMP Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	cGAS-IN-1 (compound C20) is a flavonoid and Cyclic GMP-AMP Synthase (cGAS) inhibitor with IC ₅₀ s of 2.28 μM (human cGAS) and 1.44 μM (mouse cGAS). Abnormal activation of cGAS is associated with a variety of immune-mediated inflammatory diseases, and cGAS-IN-1 has potential anti-inflammatory activity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.28 μM (human cGAS); 1.44 μM (mouse cGAS) ^[1]

REFERENCES

[1]. Li J, et al. Discovery of novel cGAS inhibitors based on natural flavonoids. *Bioorg Chem.* 2023 Nov;140:106802...

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA