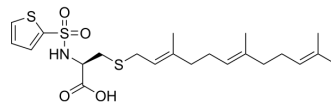


ICMT-IN-21

Cat. No.:	HY-149707
CAS No.:	1310740-69-2
Molecular Formula:	C ₂₂ H ₃₃ NO ₄ S ₃
Molecular Weight:	471.7
Target:	ICMT
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ICMT-IN-21 (compound 6ag) is an ICMT inhibitor (IC ₅₀ =8.8 μM), a sulfonamide-modified farnesyl cysteine (SMFC). The farnesyl and carboxylic acid motifs of ICMT-IN-21 are important structures for inhibiting ICMT ^[1] .
IC ₅₀ & Target	IC ₅₀ : 8.8 μM (ICMT) ^[1]

REFERENCES

[1]. Majmudar JD, et al. Probing the isoprenylcysteine carboxyl methyltransferase (Icmt) binding pocket: sulfonamide modified farnesyl cysteine (SMFC) analogs as Icmt inhibitors. *Bioorg Med Chem Lett*. 2011 May 1;21(9):2616-20.

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