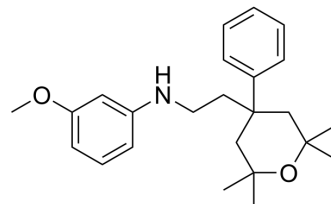


## ICMT-IN-1

Cat. No.:	HY-156500
CAS No.:	1313603-22-3
Molecular Formula:	C <sub>24</sub> H <sub>33</sub> NO <sub>2</sub>
Molecular Weight:	367.52
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-1 (compound 75) is an inhibitor of ICMT (IC <sub>50</sub> =0.0013 μM). ICMT-IN-1 dose-dependently induces ICMT accumulation in the cytoplasm of HCT-116 cells and inhibits the proliferation of multiple cancer cell lines expressing K-Ras and N-Ras <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 0.0013 μM (ICMT) <sup>[1]</sup>

## REFERENCES

[1]. Judd WR, et al. Discovery and SAR of methylated tetrahydropyran derivatives as inhibitors of isoprenylcysteine carboxyl methyltransferase (ICMT). J Med Chem. 2011 Jul 28;54(14):5031-47.

**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