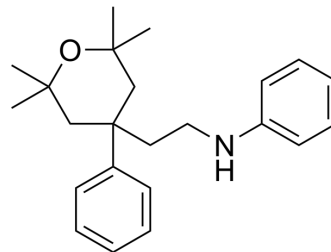


ICMT-IN-7

Cat. No.:	HY-149705
CAS No.:	1313603-21-2
Molecular Formula:	C ₂₃ H ₃₁ NO
Molecular Weight:	337.5
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-7 (compound 74) is an inhibitor of ICMT (IC ₅₀ =0.015 μM). ICMT-IN-7 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 ^[1] .
IC ₅₀ & Target	IC50: 0.015 μM (ICMT) ^[1]

REFERENCES

[1]. Judd WR, et al. Discovery and SAR of methylated tetrahydropyranyl 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.

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