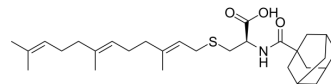


ICMT-IN-54

Cat. No.:	HY-149730
CAS No.:	908856-14-4
Molecular Formula:	C ₂₉ H ₄₅ NO ₃ S
Molecular Weight:	487.74
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-54 (compound 7c) is an adamantyl analogue and an ICMT inhibitor (IC ₅₀ =12.4 μM), which can inhibit ICMT Methylation. ICMT-in-54 inhibits BFC (N-biotinyl-(6-aminohexanoic)-S-farnesyl-L-cysteine) methylation in <i>saccharomyces cerevisiae</i> expressing ICMT, which is an indirect effect of inhibiting ICMT methylation ^[1] .
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IC₅₀ & Target	IC50: 12.4 μM (human ICMT) ^[1]
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REFERENCES

[1]. Donelson JL, et al. Amide-substituted farnesylcysteine analogs as inhibitors of human isoprenylcysteine carboxyl methyltransferase. *Bioorg Med Chem Lett*. 2006 Aug 15;16(16):4420-3.

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

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