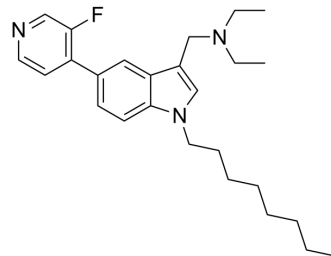


ICMT-IN-53

Cat. No.:	HY-149729
CAS No.:	1443253-17-5
Molecular Formula:	C ₂₆ H ₃₆ FN ₃
Molecular Weight:	409.58
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-53 (compound 12) is an ICMT inhibitor (IC ₅₀ =0.96 μM) with PAMPA permeability and antiproliferative activity. ICMT-IN-53 inhibits the proliferation of MDA-MB-231 and PC3 with IC ₅₀ s of 5.14 μM and 5.88 μM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.96 μM (ICMT) ^[1]

REFERENCES

[1]. Ramanujulu PM, et al. Functionalized indoleamines as potent, drug-like inhibitors of isoprenylcysteine carboxyl methyltransferase (Icmt). Eur J Med Chem. 2013 May;63:378-86.

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

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