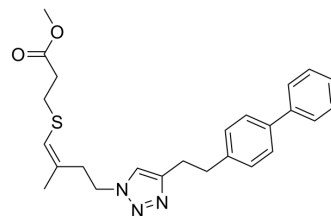


## ICMT-IN-35

Cat. No.:	HY-149709
Molecular Formula:	C <sub>25</sub> H <sub>29</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	435.58
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-35 (compound 10n) is a FTPA-triazole compound and ICMT inhibitor (IC <sub>50</sub> =0.8 μM). ICMT-IN-35 is taken up by mammalian cells and can prevent K-Ras membrane localization and induce K-Ras mislocalization. Furthermore, ICMT-IN-35 is selectively cytotoxic against ICMT <sup>+/+</sup> MEF cells and has low micromolar activity (IC <sub>50</sub> =0.8 μM) against metastatic pancreatic cancer cell lines <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 0.8 μM (ICMT) <sup>[1]</sup>

## REFERENCES

[1]. Bergman JA, et al. S-Farnesyl-Thiopropionic Acid (FTPA) Triazoles as Potent Inhibitors of Isoprenylcysteine Carboxyl Methyltransferase. ACS Med Chem Lett. 2012 Jan 12;3(1):15-19.

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

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