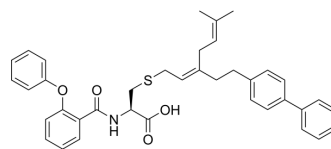


POP-3MB

Cat. No.:	HY-149710
CAS No.:	1144114-27-1
Molecular Formula:	C ₃₈ H ₃₉ NO ₄ S
Molecular Weight:	605.79
Target:	ICMT; ERK
Pathway:	GPCR/G Protein; MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	POP-3MB (compound 1b) is an ICMT inhibitor (IC ₅₀ : 2.5 μM). POP-3MB changes the subcellular localization of K-Ras and inhibits Ras activation. POP-3MB also inhibits Erk phosphorylation ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.5 μM (ICMT) ^[1]

REFERENCES

[1]. Majmudar JD et al. Amide-modified prenylcysteine based Icmt inhibitors: Structure-activity relationships, kinetic analysis and cellular characterization. Bioorg Med Chem. 2012 Jan 1;20(1):283-95.

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