

Product Datasheet

Spermatinamine (orb2564038)

Catalog Number	orb2564038
Category	Small Molecules
Description	Spermatinamine is a bromotyrosine-spermine-bromotyrosine alkaloid isolated from the Australian sponge Pseudoceratina. It acts as a natural inhibitor of ICMT (isoprenylcysteine carboxyl methyltransferase), a potential target in cancer research, and is used in biochemical studies of protein prenylation.
Target	Transferase
MW	928.34
CAS Number	1001438-81-8
Formula	$C_{32}H_{44}Br_4N_6O_6$
SMILES	<chem>C(/C(/C(NCCCN(CCCCN(CCCNC(/C(/CC1=CC(Br)=C(OC)C(Br)=C1)=N/O)=O)C)C)=O)=N\O)C2=CC(Br)=C(OC)C(Br)=C2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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