

Product Information

MT-DADMe-ImmA

Cat. No.: X23-12-YM809

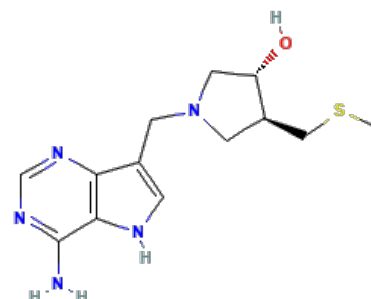
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 653592-04-2

Compound CID: 656970

Synonym: 653592-04-2; MTDIA; Methylthio-DADMe-Immucillin A

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	MT-DADMe-ImmA inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	293.39
Molecular Formula	C ₁₃ H ₁₉ N ₅ OS
IUPAC Name	(3 <i>R</i> ,4 <i>S</i>)-1-[(4-Amino-5 <i>H</i> -pyrrolo[3,2- <i>d</i>]pyrimidin-7-yl)methyl]-4-(methylsulfanylmethyl)pyrrolidin-3-ol
InChI	InChI=1S/C13H19N5OS/c1-20-6-9-4-18(5-10(9)19)3-8-2-15-12-11(8)16-7-17-13(12)14/h2,7,9-10,15,19H,3-6H2,1H3,(H2,14,16,17)/t9-,10+/m1/s1
InChI Key	NTHMDFGHOCNNOE-ZJUJUORDSA-N
Canonical SMILES	CSCC1CN(CC1O)CC2=CNC3=C2N=CN=C3N
Isomeric SMILES	CSC[C@H]1CN(C[C@@H]1O)CC2=CNC3=C2N=CN=C3N
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MT-DADMe-ImmA can be used for its ability to increase MTA levels in FaDu human squamous cell carcinoma cells.
Storage	Store at -20°C, and keep desiccated.