



Product Information

MK-3697

Cat. No.: X23-12-YM681

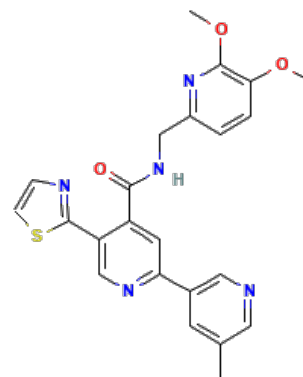
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 1224846-01-8

Compound CID: 46190695

Synonym: 1224846-01-8; M8238285OA

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



Product Information

Description	MK-3697 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	447.51
Molecular Formula	C ₂₃ H ₂₁ N ₅ O ₃ S
IUPAC Name	<i>N</i> - -[(5,6-Dimethoxypyridin-2-yl)methyl]-2-(5-methylpyridin-3-yl)-5-(1,3-thiazol-2-yl)pyridine-4-carboxamide
InChI	InChI=1S/C23H21N5O3S/c1-14-8-15(11-24-10-14)19-9-17(18(13-26-19)23-25-6-7-32-23)21(29)27-12-16-4-5-20(30-2)22(28-16)31-3/h4-11,13H,12H2,1-3H3,(H,27,29)
InChI Key	VSODUXMPUHJEU-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=CN=C1)C2=NC=C(C(=C2)C(=O)NCC3=NC(=C(C=C3)OC)OC)C4=NC=CS4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MK-3697 can be used to research and develop therapeutic strategies for certain diseases that involve excessive activation of GPCR-G protein signaling pathways.
Storage	Store at -20°C, and keep desiccated.