

Product Information

Ro-24-4736

Cat. No.: X23-12-YM1282

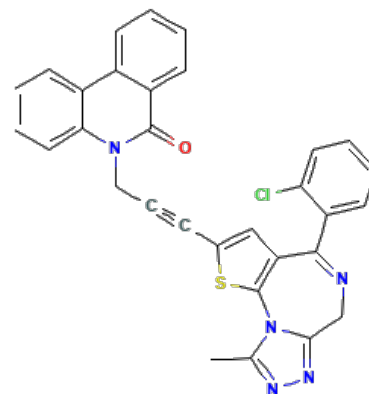
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 125030-71-9

Compound CID: 60775

Synonym: 125030-71-9; Ro 244736

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



Product Information

Description	Ro-24-4736 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	546.04
Molecular Formula	C ₃₁ H ₂₀ ClN ₅ OS
IUPAC Name	5-[3-[7-(2-Chlorophenyl)-13-methyl-3-thia-1,8,11,12-tetrazatricyclo[8.3.0.0.2,6]trideca-2(6),4,7,10,12-pentaen-4-yl]prop-2-ynyl]phenanthridin-6-one
InChI	InChI=1S/C31H20ClN5OS/c1-19-34-35-28-18-33-29(24-13-4-6-14-26(24)32)25-17-20(39-31(25)37(19)28)9-8-16-36-27-15-7-5-11-22(27)21-10-2-3-12-23(21)30(36)38/h2-7,10-15,17H,16,18H2,1H3
InChI Key	MPMZSZMDCRPSRF-UHFFFAOYSA-N
Canonical SMILES	CC1=NN=C2N1C3=C(C=C(S3)C#CCN4C5=CC=CC=C5C6=CC=CC=C6C4=O)C(=NC2)C7=CC=C C=C7Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Ro-24-4736 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.