

Product Information

SphK inhibitor SKI-178, Purity \geq 98%

Cat. No.: X24-06-ZQ824

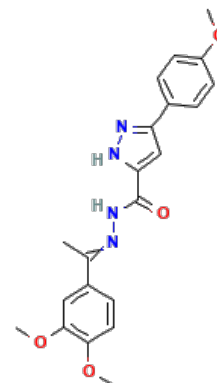
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1259484-97-3

Compound CID: 1356476

Synonym: 1259484-97-3; SphK inhibitor; SKI-178; SKI 178; SKI178

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



Product Information

Description	SKI-178 targets and inhibits the activity of sphingosine kinase enzymes, which play a crucial role in the sphingolipid metabolic pathway.
Molecular Weight	394.431
Molecular Formula	C ₂₁ H ₂₂ N ₄ O ₄
IUPAC Name	<i>N</i> -[1-(3,4-dimethoxyphenyl)ethylideneamino]-3-(4-methoxyphenyl)-1 <i>H</i> -pyrazole-5-carboxamide
InChI	InChI=1S/C21H22N4O4/c1-13(15-7-10-19(28-3)20(11-15)29-4)22-25-21(26)18-12-17(23-24-18)14-5-8-16(27-2)9-6-14/h5-12H,1-4H3,(H,23,24)(H,25,26)
InChI Key	GMFUWEBOUKIKRP-UHFFFAOYSA-N
Canonical SMILES	CC(=NNC(=O)C1=CC(=NN1)C2=CC=C(C=C2)OC)C3=CC(=C(C=C3)OC)OC
Form	Lyophilized powder
Purity	\geq 98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	SKI-178 is an SphK inhibitor used in the study of apoptosis and cancer cell signaling, providing insights into its potential therapeutic applications.
Storage	Store at -20°C, and keep desiccated.