

Product Information

QNZ46

Cat. No.: X23-12-YM406

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

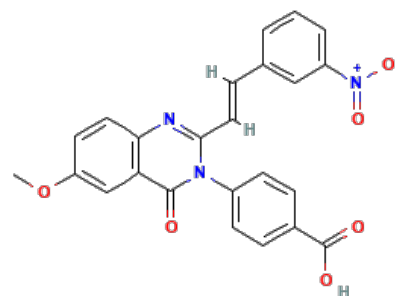
CAS Number: 1237744-13-6

PubChem CID: 46861929

Synonym: 1237744-13-6; *E*

-4-(6-Methoxy-2-(3-nitrostyryl)-4-oxoquinazolin-3(4*H*)-yl)benzoic acid

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



Product Information

Description	QNZ46 interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	443.41
Molecular Formula	C ₂₄ H ₁₇ N ₃ O ₆
IUPAC Name	4-[6-Methoxy-2-[(<i>E</i>)-2-(3-nitrophenyl)ethenyl]-4-oxoquinazolin-3-yl]benzoic acid
InChI	InChI=1S/C24H17N3O6/c1-33-19-10-11-21-20(14-19)23(28)26(17-8-6-16(7-9-17)24(29)30)22(25-21)12-5-15-3-2-4-18(13-15)27(31)32/h2-14H, 1H3, (H, 29, 30)/b12-5+
InChI Key	GNLVJIIICVWDSNI-LFYBBSHMSA-N
Canonical SMILES	COC1=CC2=C(C=C1)N=C(N(C2=O)C3=CC=C(C=C3)C(=O)O)C=CC4=CC(=CC=C4)[N+](=O)[O-]
Isomeric SMILES	COC1=CC2=C(C=C1)N=C(N(C2=O)C3=CC=C(C=C3)C(=O)O)/C=C/C4=CC(=CC=C4)[N+](=O)[O-]
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	QNZ46 can be studied in the development of anti-inflammatory drugs targeting NF-κB signaling.
Storage	Store at -20°C, and keep desiccated.