



Product Information

KN-92 hydrochloride

Cat. No.: X23-12-YM234

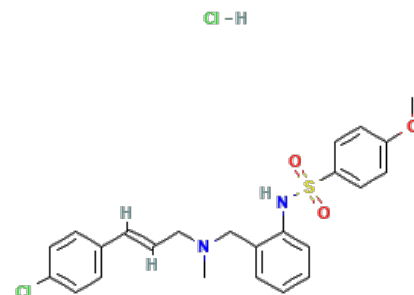
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1431698-47-3

PubChem CID: 71576672

Synonym: 1431698-47-3; KN 92 HCl

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



Product Information

Description	KN-92 hydrochloride interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	493.45
Molecular Formula	C ₂₄ H ₂₆ Cl ₂ N ₂ O ₃ S
IUPAC Name	<i>N</i> -[2-[[[(<i>E</i>)-3-(4-chlorophenyl)prop-2-enyl]-methylamino]methyl]phenyl]-4-methoxybenzenesulfonamide;hydrochloride
InChI	InChI=1S/C24H25ClN2O3S.ClH/c1-27(17-5-6-19-9-11-21(25)12-10-19)18-20-7-3-4-8-24(20)26-31(28, 29)23-15-13-22(30-2)14-16-23;/h3-16, 26H, 17-18H2, 1-2H3;1H/b6-5+;
InChI Key	SHDNWBMPAAXAHM-IPZCTEOASA-N
Canonical SMILES	CN(CC=CC1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC.Cl
Isomeric SMILES	CN(C/C=C/C1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC.Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	KN-92 hydrochloride can be studied extensively to investigate the involvement of CaMKII in neurological conditions such as Alzheimer's disease.
Storage	Store at -20°C, and keep desiccated.