

## Product Information

### KN-92

**Cat. No.:** X23-12-YM233

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

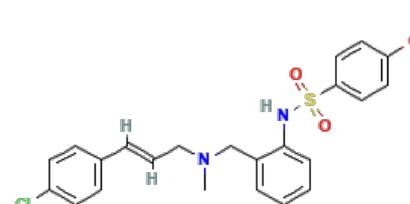
**CAS Number:** 176708-42-2

**PubChem CID:** 5353702

**Synonym:** 176708-42-2;

(*E*)-*N*

-2-(((3-(4-Chlorophenyl)allyl(methyl)amino)methyl)phenyl)-4-methoxybenzenesulfonamide



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

### Product Information

<b>Description</b>	KN-92 interferes with or suppresses the transmission of signals between neurons in the nervous system.
<b>Molecular Weight</b>	456.98
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>3</sub> S
<b>IUPAC Name</b>	<i>N</i> -[2-[[[( <i>E</i> )-3-(4-chlorophenyl)prop-2-enyl]-methylamino]methyl]phenyl]-4-methoxybenzenesulfonamide
<b>InChI</b>	InChI=1S/C24H25ClN2O3S/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/b6-5+
<b>InChI Key</b>	RUAOVVIUGUOYHA-AATRIKPKSA-N
<b>Canonical SMILES</b>	CN(CC=CC1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC
<b>Isomeric SMILES</b>	CN(C/C=C/C1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	KN-92 can be used to investigate the role of CaMKII in various physiological and pathological conditions.
<b>Storage</b>	Store at -20°C, and keep desiccated.