

Product Information

KN-92 phosphate

Cat. No.: X23-12-YM235

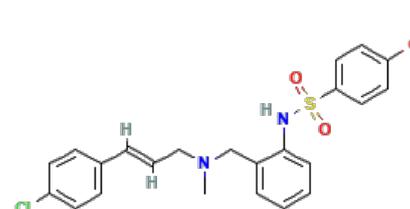
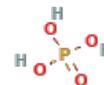
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1135280-28-2

PubChem CID: 16219540

Synonym: 1135280-28-2; KN92-H₃PO₄

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



Product Information

Description	KN-92 phosphate, soluble in DMSO and ethanol and insoluble in water, interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	554.98
Molecular Formula	C ₂₄ H ₂₈ ClN ₂ O ₇ PS
IUPAC Name	<i>N</i> -[2-[[[(<i>E</i>)-3-(4-chlorophenyl)prop-2-enyl]-methylamino]methyl]phenyl]-4-methoxybenzenesulfonamide; phosphoric acid
InChI	InChI=1S/C24H25ClN2O3S.H3O4P/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;1-5(2, 3)4/h3-16, 26H, 17-18H2, 1-2H3;(H3, 1, 2, 3, 4)/b6-5+;
InChI Key	XRQHWVVDNMJDEQ-IPZCTEOASA-N
Canonical SMILES	CN(CC=CC1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC.OP(=O)(O)O
Isomeric SMILES	CN(C/C=C/C1=CC=C(C=C1)Cl)CC2=CC=CC=C2NS(=O)(=O)C3=CC=C(C=C3)OC.OP(=O)(O)O
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 85 mg/mL (153.15 mM); Water: insoluble; Ethanol: 9 mg/mL (16.21 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	KN-92 phosphate can be studied extensively for its effects on cardiovascular function, immune response, and cancer progression.
Storage	Store at -20°C, and keep desiccated.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
