CD BioGlyco
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Product Information

NF 279

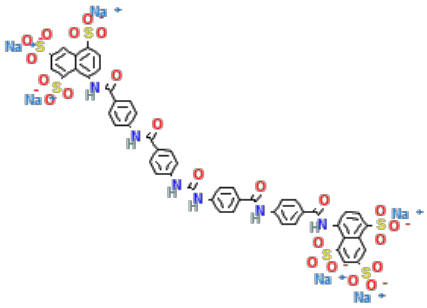
Cat. No.: X23-12-YM134

Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 202983-32-2

PubChem CID: 5311315

Synonym: 202983-32-2; Hexasodium; 8-[[4-[[4-[[4-[[4-[(4, 6, 8-Trisulfonatonaphthalen-1-yl)carbamoyl]phenyl]carbamoyl]phenyl]carbamoylamino]benzoyl]amino]benzoyl]amino]naphthalene-1, 3, 5-trisulfonate



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

Product Information

Description	NF 279 interferes with or suppresses the transmission of signals between neurons in the nervous system. It targets HIV-1, and p2x1 receptor.
Molecular Weight	1401.1
Molecular Formula	$C_{49}H_{30}N_6Na_6O_{23}S_6$
Targets	HIV-1; p2x1 receptor
IUPAC Name	Hexasodium;8-[[4-[[4-[[4-[[4-[(4, 6, 8-trisulfonatonaphthalen-1-yl)carbamoyl]phenyl]carbamoyl]phenyl]carbamoylamino]benzoyl]amino]benzoyl]amino]naphthalene-1, 3, 5-trisulfonate
InChI	InChI=1S/C49H36N6O23S6.6Na/c56-45(50-29-9-1-27(2-10-29)47(58)54-37-17-19-39(81(67, 68)69)35-21-33(79(61, 62)63)23-41(43(35)37)83(73, 74)75)25-5-13-31(14-6-25)52-49(60)53-32-15-7-26(8-16-32)46(57)51-30-11-3-28(4-12-30)48(59)55-38-18-20-40(82(70, 71)72)36-22-34(80(64, 65)66)24-42(44(36)38)84(76, 77)78;;;;;;/h1-24H, (H, 50, 56)(H, 51, 57)(H, 54, 58)(H, 55, 59)(H2, 52, 53, 60)(H, 61, 62, 63)(H, 64, 65, 66)(H, 67, 68, 69)(H, 70, 71, 72)(H, 73, 74, 75)(H, 76, 77, 78);;;;;;/q;6*+1/p-6
InChI Key	RJMCMLNRWDKUDB-UHFFFAOYSA-H
Canonical SMILES	C1=CC(=CC=C1C(=O)NC2=C3C(=CC(=CC3=C(C=C2)S(=O)(=O)[O-])S(=O)(=O)[O-])S(=O)(=O)[O-])NC(=O)C4=CC=C(C=C4)NC(=O)NC5=CC=C(C=C5)C(=O)NC6=CC=C(C=C6)C(=O)NC7=C8C(=CC(=CC8=C(C=C7)S(=O)(=O)[O-])S(=O)(=O)[O-])S(=O)(=O)[O-].[Na+].[Na+].[Na+].[Na+].[Na+].[Na+]
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.

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Applications	NF 279 can be studied extensively for its potential applications in research on diseases of the central and peripheral nervous systems.
Storage	Store at -20℃, and keep desiccated.

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