



Product Information

Niperotidine

Cat. No.: X23-12-YM1432

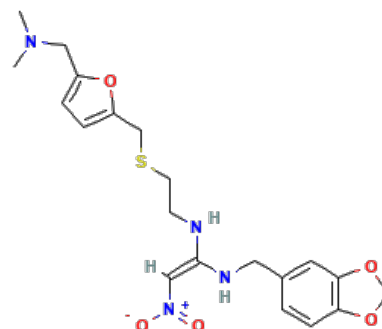
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 84845-75-0

Compound CID: 10203245

Synonym: 84845-75-0; (R)-MG132; MG132; MG 132

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



Product Information

Description	Niperotidine inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	434.51
Molecular Formula	C ₂₀ H ₂₆ N ₄ O ₅ S
IUPAC Name	(E)-1-N'-(1,3-Benzodioxol-5-ylmethyl)-1-N -[2-[[[5-[(dimethylamino)methyl]furan-2-yl]methylsulfanyl]ethyl]-2-nitroethene-1,1-diamine
InChI	InChI=1S/C20H26N4O5S/c1-23(2)11-16-4-5-17(29-16)13-30-8-7-21-20(12-24(25)26)22-10-15-3-6-1 8-19(9-15)28-14-27-18/h3-6,9,12,21-22H,7-8,10-11,13-14H2,1-2H3/b20-12-
InChI Key	HXRSXEDVVARPHP-NDENLUEZSA-N
Canonical SMILES	CN(C)CC1=CC=C(O1)CSCCNC(=C[N+](=O)[O-])NCC2=CC3=C(C=C2)OCO3
Isomeric SMILES	CN(C)CC1=CC=C(O1)CSCCN/C(=C/[N+](=O)[O-])/NCC2=CC3=C(C=C2)OCO3
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Niperotidine can be used for research on acute hepatitis.
Storage	Store at -20°C, and keep desiccated.