CD BioGlyco
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Product Information

Anisodamine

Cat. No.: X23-12-YM310

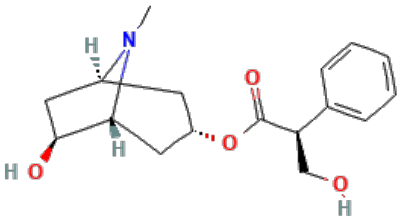
Size: 100 mg; 200 mg; 500 mg; 1 g

CAS Number: 55869-99-3

PubChem CID: 6918612

Synonym: 55869-99-3; 6-Hydroxy hyoscyamine; 654-II

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



Product Information

Description	Anisodamine inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	305.37
Molecular Formula	$C_{17}H_{23}NO_4$
IUPAC Name	[(1*R*, 3*S*, 5*R*, 6*S*)-6-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octan-3-yl] (2*S*)-3-hydroxy-2-phenylpropanoate
InChI	InChI=1S/C17H23NO4/c1-18-12-7-13(9-15(18)16(20)8-12)22-17(21)14(10-19)11-5-3-2-4-6-11/h2-6, 12-16, 19-20H, 7-10H2, 1H3/t12-, 13-, 14+, 15+, 16-/m0/s1
InChI Key	WTQYWNWRJNXDEG-RBZJEDDUSA-N
Canonical SMILES	CN1C2CC(CC1C(C2)O)OC(=O)C(CO)C3=CC=CC=C3
Isomeric SMILES	CN1[C@H]2C[C@@H](C[C@@H]1[C@H](C2)O)OC(=O)[C@H](CO)C3=CC=CC=C3
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Anisodamine can be used to research and develop therapeutic strategies for certain diseases that involve excessive activation of GPCR-G protein signaling pathways.
Storage	Store at -20℃, and keep desiccated.