



Product Information

Atrasentan

Cat. No.: X23-12-YM837

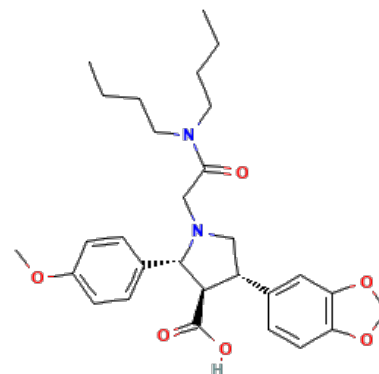
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 173937-91-2

Compound CID: 159594

Synonym: 173937-91-2; (+)-A 127722; ABT-627; A 127722; ABT 627

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



Product Information

Description	Atrasentan inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	510.62
Molecular Formula	C ₂₉ H ₃₈ N ₂ O ₆
IUPAC Name	(2 <i>R</i> ,3 <i>R</i> ,4 <i>S</i>))-4-(1,3-Benzodioxol-5-yl)-1-[2-(dibutylamino)-2-oxoethyl]-2-(4-methoxyphenyl)pyrrolidine-3-carboxylic acid
InChI	InChI=1S/C29H38N2O6/c1-4-6-14-30(15-7-5-2)26(32)18-31-17-23(21-10-13-24-25(16-21)37-19-36-24)27(29(33)34)28(31)20-8-11-22(35-3)12-9-20/h8-13,16,23,27-28H,4-7,14-15,17-19H2,1-3H3,(H,33,34)/t23-,27-,28+/m1/s1
InChI Key	MOTJMGVDPWRKOC-QPVYNBJUSA-N
Canonical SMILES	CCCCN(CCCC)C(=O)CN1CC(C(C1C2=CC=C(C=C2)OC)C(=O)O)C3=CC4=C(C=C3)OCO4
Isomeric SMILES	CCCCN(CCCC)C(=O)CN1C[C@@H]([C@H]([C@@H]1C2=CC=C(C=C2)OC)C(=O)O)C3=CC4=C(C=C3)OCO4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Atrasentan can be studied for its effect on regulating blood vessel constriction and cell proliferation.
Storage	Store at -20°C, and keep desiccated.