



Product Information

Calcium channel inhibitor Fantofarone, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ565

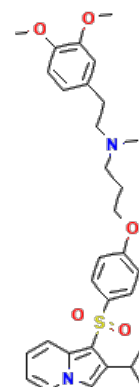
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 114432-13-2

Compound CID: 119349

Synonym: 114432-13-2; Calcium channel inhibitor; SR 33557; SR33557; SR-33557

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



Product Information

Description	Fantofarone blocks the entry of calcium into cells, particularly in the heart and blood vessels.
Molecular Weight	550.71
Molecular Formula	C ₃₁ H ₃₈ N ₂ O ₅ S
IUPAC Name	<i>N</i> -[2-(3,4-dimethoxyphenyl)ethyl]- <i>N</i> -methyl-3-[4-(2-propan-2-ylindolizin-1-yl)sulfonylphenoxy]propan-1-amine
InChI	InChI=1S/C31H38N2O5S/c1-23(2)27-22-33-18-7-6-9-28(33)31(27)39(34,35)26-13-11-25(12-14-26)38-20-8-17-32(3)19-16-24-10-15-29(36-4)30(21-24)37-5/h6-7,9-15,18,21-23H,8,16-17,19-20H2,1-5H3
InChI Key	ITAMRBIZWGDOHW-UHFFFAOYSA-N
Canonical SMILES	<chem>CC(C)C1=CN2C=CC=CC2=C1S(=O)(=O)C3=CC=C(C=C3)OCCCN(C)CCC4=CC(=C(C=C4)OC)OC</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Fantofarone is used to explore its effects on calcium channels, which affect cardiac and smooth muscle contraction.
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
