



Product Information

Sodium channel inhibitor Ralfinamide mesylate, Purity ≥98%

Cat. No.: X24-07-ZQ669

Size: 1 mg; 5 mg; 10 mg; 25 mg

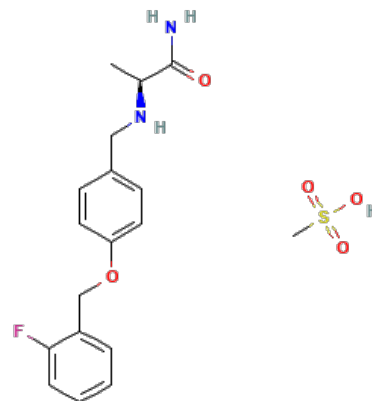
CAS Number: 202825-45-4

Compound CID: 23661379

Synonym: 202825-45-4; Sodium channel inhibitor; FCE-26742A mesylate;

FCE26742A; FCE 26742A

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



Product Information

Description	Ralfinamide mesylate blocks sodium channels, affecting the action potential propagation in neurons and muscle cells, crucial for neurological and muscular function.
Molecular Weight	398.45
Molecular Formula	C ₁₈ H ₂₃ FN ₂ O ₅ S
IUPAC Name	(2S)-2-[[4-[(2-fluorophenyl)methoxy]phenyl]methylamino]propanamide;methanesulfonic acid
InChI	InChI=1S/C17H19FN2O2.CH4O3S/c1-12(17(19)21)20-10-13-6-8-15(9-7-13)22-11-14-4-2-3-5-16(14)18;1-5(2,3)4/h2-9,12,20H,10-11H2,1H3,(H2,19,21);1H3,(H,2,3,4)/t12-;/m0./s1
InChI Key	CHQVNINIGBRKGZ-YDALLXLXSA-N
Canonical SMILES	CC(C(=O)N)NCC1=CC=C(C=C1)OCC2=CC=CC=C2F.CS(=O)(=O)O
Isomeric SMILES	C[C@@H](C(=O)N)NCC1=CC=C(C=C1)OCC2=CC=CC=C2F.CS(=O)(=O)O
Form	Lyophilized powder
Purity	≥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	Ralfinamide mesylate is investigated for neuromodulation-associated disorders by inhibiting sodium channels linked to pain signal transmission.
Storage	Store at -20°C, and keep desiccated.