



Product Information

Taranabant

Cat. No.: X23-12-YM564

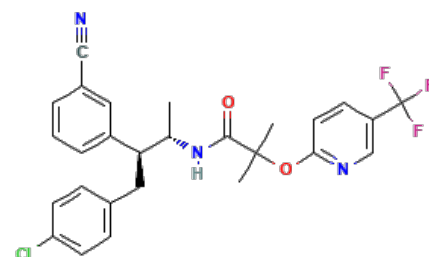
Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 701977-09-5

Compound CID: 11226090

Synonym: 701977-09-5; MK-0364

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



Product Information

Description	Taranabant inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	515.95
Molecular Formula	C ₂₇ H ₂₅ ClF ₃ N ₃ O ₂
IUPAC Name	<i>N</i> -[[(2 <i>S</i> ,3 <i>S</i>)-4-(4-chlorophenyl)-3-(3-cyanophenyl)butan-2-yl]-2-methyl-2-[5-(trifluoromethyl)pyridin-2-yl]oxypropyl]anamide
InChI	InChI=1S/C27H25ClF3N3O2/c1-17(34-25(35)26(2,3)36-24-12-9-21(16-33-24)27(29,30)31)23(14-18-7-10-22(28)11-8-18)20-6-4-5-19(13-20)15-32/h4-13,16-17,23H,14H2,1-3H3,(H,34,35)/t17-,23+/m0/s1
InChI Key	QLYKJCMUNUWAGO-GAJHUEQPSA-N
Canonical SMILES	CC(C(CC1=CC=C(C=C1)Cl)C2=CC=CC(=C2)C#N)NC(=O)C(C)(C)OC3=NC=C(C=C3)C(F)(F)F
Isomeric SMILES	C[C@@H]([C@@H](CC1=CC=C(C=C1)Cl)C2=CC=CC(=C2)C#N)NC(=O)C(C)(C)OC3=NC=C(C=C3)C(F)(F)F
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Taranabant can be used to reduce appetite and food intake, leading to weight loss.
Storage	Store at -20°C, and keep desiccated.