

Product Name	: Fesoterodine fumarate
Synonyms	: PF-00695838 fumarate
Cat No.	: M13874
CAS Number	: 286930-03-8
Molecular Formula	: C ₃₀ H ₄₁ NO ₇
Formula Weight	: 527.66
Chemical Name	: [2-[(1R)-3-[di(propan-2-yl)amino]-1-phenylpropyl]-4-(hydroxymethyl)phenyl] 2-methylpropanoate fumarate
Description	Fesoterodine (PF-00695838) is a competitive muscarinic receptor antagonist with muscle relaxant and urinary antispasmodic properties; binds and inhibits muscarinic receptors on the bladder detrusor muscle, prevents bladder contractions or spasms caused by acetylcholine. Other Indication Approved
Pathway	: GPCR/G Protein
Target	: mAChR
Receptor	: mAChR
Solubility	: DMSO: 93 mg/mL (176.3 mM); Ethanol: 93 mg/mL (176.3 mM); Water: 92 mg/mL (174.4 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
SMILES	: <chem>CC(C)C(=O)OC1=C(C=C(C=C1)CO)[C@H](CCN(C(C)C)C(C)C)C2=CC=CC=C2.C(=C/C(=O)O)\C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Ney P, et al. BJU Int. 2008 Apr;101(8):1036-42. | 2. Michel MC. Expert Opin Pharmacother. 2008 Jul;9(10):1787-96. | 3. Chapple CR, et al. BJU Int. 2008 Nov;102(9):1128-32.