

Product Name	: Ronacaleret hydrochloride
Synonyms	: SB-751689 hydrochloride
Cat No.	: M15699
CAS Number	: 702686-96-2
Molecular Formula	: C ₂₅ H ₃₂ ClF ₂ NO ₄
Formula Weight	: 483.98
Chemical Name	: 3-[3-[(2R)-3-[[1-(2,3-dihydro-1H-inden-2-yl)-2-methylpropan-2-yl]amino]-2-hydroxypropoxy]-4,5-difluorophenyl]propanoic acid hydrochloride
Description	: A potent calcium sensing receptor (CaSR) negative allosteric modulator with IC ₅₀ of 146 nM for hCaSR; stimulates parathyroid hormone (PTH) release and increases bone formation markers; act as an effective oral anabolic agent to enhance fracture healing. Osteoporosis Phase 2 Discontinued
Pathway	: GPCR/G Protein
Target	: CaSR
Receptor	: CaSR
Solubility	: —
SMILES	: <chem>CC(C)(CC1CC2=CC=CC=C2C1)NCC(COC3=C(C(=CC(=C3)C(F)(F)F)C(F)(F)F)C(=O)O)F)O.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Balan G, et al. Bioorg Med Chem Lett. 2009 Jun 15;19(12):3328-32. | 2. Fitzpatrick LA, et al. J Clin Endocrinol Metab. 2011 Aug;96(8):2441-9. | 3. Fitzpatrick LA, et al. Bone. 2011 Oct;49(4):845-52. | 4. Caltabiano S, et al. Bone. 2013 Sep;56(1):154-62.