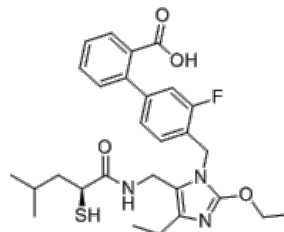


Product Name	: TD-0212
Synonyms	: TD0212;TD 0212
Cat No.	: M10302
CAS Number	: 1073549-10-6
Molecular Formula	: C ₂₈ H ₃₄ FN ₃ O ₄ S
Formula Weight	: 527.66
Chemical Name	: (S)-4'-((2-ethoxy-4-ethyl-5-((2-mercapto-4-methylpentanamido)methyl)-1H-imidazol-1-yl)methyl)-3'-fluoro-[1,1'-biphenyl]-2-carboxylic acid
Description	: TD-0212 (TD0212) is a potent, orally efficacious, dual AT1 antagonist/Nepriylsin (NEP) inhibitor with pK _i of 8.9 (AT1) and pIC ₅₀ of 9.2 (NEP); produces blood pressure reductions similar to omapatrilat and combinations of AT1 receptor antagonists and NEP inhibitors in models of renin-dependent and -independent hypertension, does not increase TPE at antihypertensive doses in rat tracheal plasma extravasation (TPE) models.
Pathway	: GPCR/G Protein
Target	: Angiotensin Receptor
Receptor	: Angiotensin Receptor
Solubility	: —
SMILES	: <chem>CCC1=C(N(C(=N1)OCC)CC2=C(C=C(C=C2)C3=CC=CC=C3C(=O)O)F)CNC(=O)C(CC(C)C)S</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. R. Murray McKinnell, et al. Discovery of TD-0212, an Orally Active Dual Pharmacology AT1 Antagonist and Neprilysin Inhibitor (ARNI). ACS Med. Chem. Lett.