

Product Name : Razaxaban hydrochloride

Synonyms : DPC 906;DPC906;BMS-561389;BMS561389

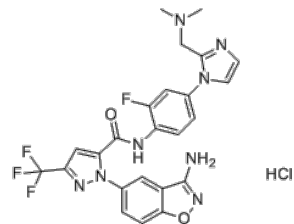
Cat No. : M14398

CAS Number : 405940-76-3

Molecular Formula : C₂₄H₂₁ClF₄N₈O₂

Formula Weight : 564.93

Chemical Name : 2-(3-amino-1,2-benzoxazol-5-yl)-N-[4-[2-[(dimethylamino)methyl]imidazol-1-yl]-2-fluorophenyl]-5-(trifluoromethyl)pyrazole-3-carboxamide hydrochloride



Description : A highly potent, selective, and orally bioavailable factor Xa (FXa) inhibitor with K_i of 0.19 nM, >5,000-fold selectivity over a series of related serine proteases; inhibits thrombus formation in a dose-dependent manner with an ID₅₀ of 1.6 μmol kg⁻¹ h⁻¹ in rabbit arterio-venous shunt thrombosis model. Thrombosis Phase 2 Discontinued

Pathway : Metabolic Enzyme/Protease

Target : Factor Xa

Receptor : Factor Xa

Solubility : —

SMILES : CN(C)CC1=NC=CN1C2=CC(=C(C=C2)NC(=O)C3=CC(=NN3C4=CC5=C(C=C4)ON=C5N)C(F)(F)F)F.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Quan ML, et al. J Med Chem. 2005 Mar 24;48(6):1729-44. | 2. Wong PC, et al. J Thromb Thrombolysis. 2007 Aug;24(1):43-51. | 3. Zhang D, et al. Drug Metab Dispos. 2008 Feb;36(2):303-15.