

Product Name	: Otamixaban
Synonyms	: FXV-673
Cat No.	: M13026
CAS Number	: 193153-04-7
Molecular Formula	: C ₂₅ H ₂₆ N ₄ O ₄
Formula Weight	: 446.50
Chemical Name	: Benzenepropanoic acid, 3-(aminoiminomethyl)-.alpha.-[(1R)-1-[[4-(1-oxido-4-pyridinyl)benzoyl]amino]ethyl]-, methyl ester, (.alpha.R)-
Description	: A potent and selective factor Xa (FXa) inhibitor with K _i of 0.4 nM; shows >1,000-fold selectivity over thrombin, activated protein C (aPC), plasmin, and tissue-plasminogen activator (t-PA); dose-dependently prolongs the time to vessel occlusion and inhibits thrombus formation in canine models of thrombosis. Thrombosis Phase 3 Discontinued
Pathway	: Metabolic Enzyme/Protease
Target	: Factor Xa
Receptor	: Factor Xa
Solubility	: 10 mM in DMSO
SMILES	: <chem>C[C@@H](NC(C1=CC=C(C2=CC=[N+](O-)=C2)C=C1)=O)[C@@H](CC3=CC=CC(C(N)=N)=C3)C(OC)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Guertin KR, et al. Bioorg Med Chem Lett. 2002 Jun 17;12(12):1671-4. | 2. Chu V, et al. Thromb Res. 2001 Aug 15;103(4):309-24. | 3. Rebello SS, et al. J Cardiovasc Pharmacol. 2001 Aug;38(2):288-97.