

Product Name	: Apixaban
Synonyms	: BMS-562247
Cat No.	: M14712
CAS Number	: 503612-47-3
Molecular Formula	: C ₂₅ H ₂₅ N ₅ O ₄
Formula Weight	: 459.50
Chemical Name	: 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-[4-(2-oxo-1-piperidinyl)phenyl]-
Description	: A highly potent, selective, efficacious, and orally bioavailable inhibitor of factor Xa (FXa) with K _i of 0.08 nM; shows no affinity for thrombin (K _i >3 uM), does not alter human and rabbit platelet aggregation to ADP, gamma-thrombin, and collagen at 10 uM; produces dose-dependent antithrombotic effects with EC ₅₀ of 270 nM, 110 nM and 70 nM, respective in the AVST, venous thrombosis (VT) and ECAT rabbit models. Thrombosis Approved
Pathway	: Metabolic Enzyme/Protease
Target	: Factor Xa
Receptor	: FactorXa(human);FactorXa(rabbit)
Solubility	: DMSO: 14.25 mg/mL; H ₂ O: < 0.1 mg/mL
SMILES	: <chem>O=C(C1=NN(C2=CC=C(OC)C=C2)C3=C1CCN(C4=CC=C(N5C(CCCC5)=O)C=C4)C3=O)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Pinto DJ, et al. J Med Chem. 2007 Nov 1;50(22):5339-56. | 2. Wong PC, et al. J Thromb Haemost. 2008 May;6(5):820-9. | 3. Wong PC, et al. J Thromb Haemost. 2008 Oct;6(10):1736-41.