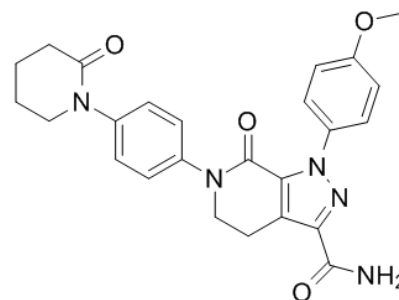


Product Name : Apixaban
Cat. No. : PC-45832
CAS No. : 503612-47-3
Molecular Formula : C₂₅H₂₅N₅O₄
Molecular Weight : 459.4971
Target : Factor Xa
Solubility : DMSO: 14.25 mg/mL; H₂O: < 0.1 mg/mL



Biological Activity

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 μM), does not alter human and rabbit platelet aggregation to ADP, gamma-thrombin, and collagen at 10 μM; produces dose-dependent antithrombotic effects with EC₅₀ of 270 nM, 110 nM and 70 nM, respective in the AVST, venous thrombosis (VT) and ECAT rabbit models.

Thrombosis
Approved

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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