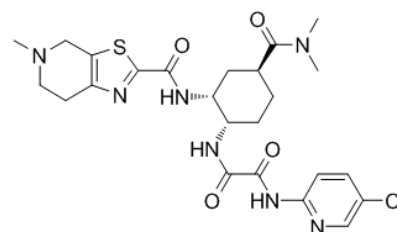


Product Name : Edoxaban
Cat. No. : PC-42502
CAS No. : 480449-70-5
Molecular Formula : C₂₄H₃₀ClN₇O₄S
Molecular Weight : 548.0575
Target : Factor Xa
Solubility : 10 mM in DMSO



Biological Activity

A potent and orally active Factor Xa inhibitor with K_i of 0.561 nM; also inhibits prothrombinase ($K_i=2.98$ nM), weakly inhibits thrombin and FIXa ($K_i=6.0$ uM, and 41.7 uM); exhibits >10,000-fold selectivity for Fxa over FVIIa/sTF, FXIa, tPA, aPC, trypsin, plasmin and chymotrypsin; inhibits thrombus formation in rat and rabbit thrombosis models.

Thrombosis

Approved

References

Furugohri T, et al. J Thromb Haemost. 2008 Sep;6(9):1542-9.

Furugohri T, et al. Eur J Pharmacol. 2012 Jul 5;686(1-3):74-80.

Morishima Y, et al. Thromb Res. 2013 Jan;131(1):59-63.

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

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