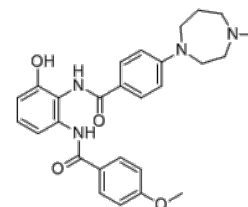


Product Name : Darexaban
Cat. No. : PC-60995
CAS No. : 365462-23-3
Molecular Formula : C₂₇H₃₀N₄O₄
Molecular Weight : 474.561
Target : Factor Xa
Solubility : 10 mM in DMSO



Biological Activity

Darexaban (YM150) is potent, selective and orally available factor Xa (**FXa**) inhibitor with IC₅₀ of 54.6 nM. Darexaban (YM150) displays high selectivities over other related serine proteases, such as trypsin, thrombin and kallikrein (IC₅₀>10 μM). Darexaban (YM150) demonstrates potent anticoagulant activities both in vitro and in vivo, shows potential for prevention and treatment of thromboembolic diseases.

References

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 Iwatsuki Y, et al. *Eur J Pharmacol.* 2011 Dec 30;673(1-3):49-55.
 Funatsu T, et al. *J Thromb Haemost.* 2012 Apr;10(4):703-5.
 Steg PG, et al. *Eur Heart J.* 2011 Oct;32(20):2541-54.

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

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