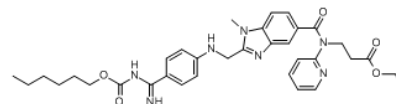


Product Name : Dabigatran etexilate
Cat. No. : PC-42506
CAS No. : 211915-06-9
Molecular Formula : C₃₄H₄₁N₇O₅
Molecular Weight : 627.7332
Target : Thrombin
Solubility : 10 mM in DMSO



Biological Activity

Dabigatran etexilate (BIBR1048) is a prodrug of BIBR-953, which is a potent nonpeptide **thrombin** inhibitor with K_i of 4.5 nM.

BIBR1048 is 10-fold less potent for Trypsin and no activity against Factor Xa, Plasmin, tPA and activated protein C.

BIBR1048 exhibits strong and long-lasting anticoagulant effects ex vivo and strong oral activity in different animal species.

References

Hauel NH, et al. *J Med Chem*. 2002 Apr 25;45(9):1757-66.

Wienen W, et al. *Thromb Haemost*. 2007 Jul;98(1):155-62.

Baetz BE, et al. *Pharmacotherapy*. 2008 Nov;28(11):1354-73.

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

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