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Data Sheet

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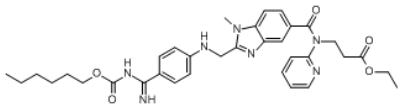
Product Name : Dabigatran etexilate
Cat. No. : PC-42506
CAS No. : 211915-06-9
Molecular Formula : $C_{34}H_{41}N_7O_5$
Molecular Weight : 627.7332
Target : Thrombin
Solubility : 10 mM in DMSO



Biological Activity

A prodrug of BIBR-953, which is a potent nonpeptide thrombin inhibitor with Ki of 4.5 nM; 10-fold less potent for Trypsin and no activity against Factor Xa, Plasmin, tPA and activated protein C; exhibits strong and long-lasting anticoagulant effects ex vivo and strong oral activity in different animal species.
Thrombosis
Approved

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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