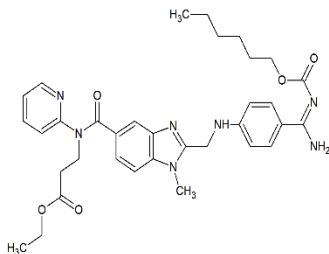


Dabigatran Etxilate

ALTERNATE NAME: (E)-ethyl 3-(2-(((4-(N'-((hexyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate
BIBR 953
BIBR953
Pradaxa
BIBR-953

CATALOG #: B2552-10 10 mg
B2552-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₄H₄₁N₇O₅

MOLECULAR WEIGHT: 627.73

CAS NUMBER: 211915-06-9

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: 0.5 mg/ml DMSO

DESCRIPTION: Dabigatran is a reversible and selective, direct thrombin inhibitor (DTI) with K_i value of 4.5 nM. Dabigatran selectively and reversibly inhibits human thrombin (K_i = 4.5 nM) as well as thrombin-induced platelet aggregation (IC₅₀ = 10 nM), while showing no inhibitory effect on other platelet-stimulating agents. Dabigatran displays concentration-dependent anticoagulant effects in various species in vitro.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Thrombin Inhibitor Screening Kit (Fluorometric) (K374)
Edoxaban Tosylate (2714)
PPACK Dihydrochloride (1848)
Antithrombin III, Human Plasma (7298)
Argatroban (9670)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*