Melagatran

Cat. No.: HY-129056
CAS No.: 159776-70-2
Molecular Formula: C₂₂H₃₁N₅O₄
Molecular Weight: 429.51
Target: Thrombin
Pathway: Metabolic Enzyme/Protease
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description
Melagatran is a direct and orally active inhibitor of thrombin, without interacting with any other enzymes in the coagulation cascade or fibrinolytic enzymes aside from thrombin. Melagatran does not require endogenous co-factors for its antithrombin effect and may help to alleviate some of the damaging effects of endotoxemia[1]. Melagatran has the potential to provide a rational approach in the prevention of arterial occlusion[2].

IC₅₀ & Target
Thrombin[1]

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
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