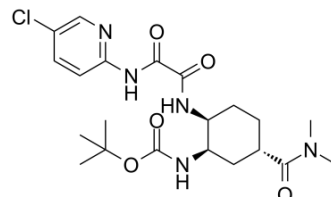


Edoxaban impurity 4

Cat. No.:	HY-134686
CAS No.:	480452-36-6
Molecular Formula:	C ₂₁ H ₃₀ ClN ₅ O ₅
Molecular Weight:	467.95
Target:	Factor Xa; Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Edoxaban impurity 4 is an impurity of Edoxaban. Edoxaban (DU-176) is a selective, potent and orally active factor Xa (FXa) inhibitor with K_is of 0.561 nM and 2.98 nM for free FXa and prothrombinase, respectively. Edoxaban is an anticoagulant agent and can be used for stroke prevention^{[1][2]}.

REFERENCES

- [1]. Furugohri T, et al. DU-176b, a potent and orally active factor Xa inhibitor: in vitro and in vivo pharmacological profiles. *J Thromb Haemost.* 2008 Sep;6(9):1542-9.
- [2]. Mendell J, Lee F, Chen S, The Effects of the Antiplatelet Agents, Aspirin and Naproxen, on Pharmacokinetics and Pharmacodynamics of the Anticoagulant Edoxaban, a Direct Factor Xa Inhibitor. *J Cardiovasc Pharmacol.* 2013 Apr 23.

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

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