



Development of Purification Process of Edoxaban Intermediate (Ethyl-2-[(5-Chloropyridine-2-Yl)Amino]-2-Oxoacetate Hydrochloride)

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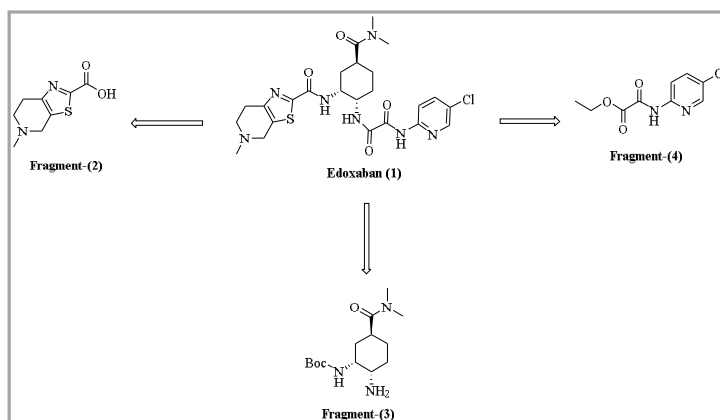
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Accepted on 16th September, 2021

ABSTRACT

Purification method for preparation of edoxaban intermediate, i.e., Ethyl-2-[(5-chloropyridine-2-yl)amino]-2-oxoacetate hydrochloride formula (A) using the alcoholic solvent at reflux condition. The purity of edoxaban intermediate is increased by implementing these manufacturing processes. The process provided in the present invention involves convenient operations and high purity efficiency (<99%). The process is environmental-friendly and suitable for commercial scale.

Graphical abstract



Retrosynthesis of Edoxaban.

Keywords: Direct oral anticoagulant (DOAC), Thromboembolism, Factor Xa inhibitor, Warfarin Edoxaban.