

Product Data Sheet

Product Name: Dechloro Rivaroxaban

Cat. No.: GC71583

Chemical Properties

Cas. No. 1415566-28-7

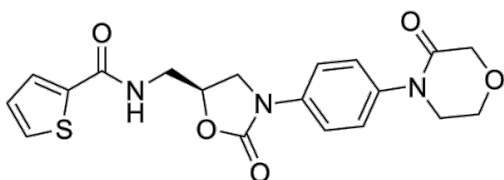
Formula $C_{19}H_{19}N_3O_5S$ M.Wt 401.44

Solubility DMSO : 50 mg/mL (124.55 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Dechloro Rivaroxaban is a highly selective, orally active inhibitor of Factor Xa. Dechloro Rivaroxaban inhibits human free FXa with a K_i of 0.4 nM. Dechloro Rivaroxaban inhibits prothrombinase activity and fibrin-associated FXa activity with IC_{50} s of 2.1 nM and 92 nM, respectively.

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

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References:

[1]. Lang D, et al. In vitro metabolism of rivaroxaban, an oral, direct factor Xa inhibitor, in liver microsomes and hepatocytes of rats, dogs, and humans. Drug Metab Dispos. 2009 May;37(5):1046-55.

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