

Product Data Sheet

Product Name: Danirixin
Cat. No.: GC19116

Chemical Properties

Cas. No. 954126-98-8

SMILES O=C(NC1=CC=C(Cl)C(S([C@H]2CCCNC2)(=O)=O)=C1O)NC3=C(C)C(F)=CC=C3

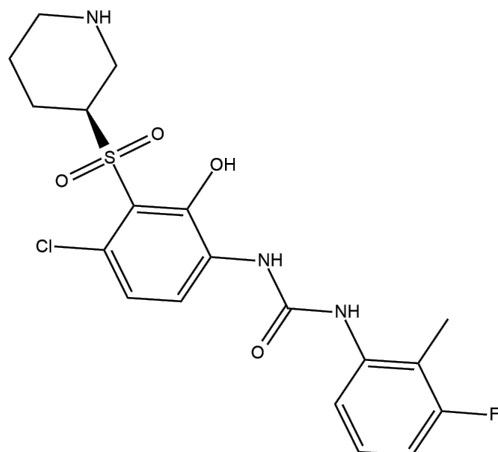
Formula C19H21ClFN3O4S M.Wt 441.9

Solubility DMSO : 8 mg/mL (18.10 mM) Storage Store at -20°C

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

Danirixin is a selective, and reversible CXCR2 antagonist, with IC50 of 12.5 nM for CXCL8.

Danirixin is a small molecule, CXCR2 antagonist being evaluated as a potential anti-inflammatory medicine[1].

References:

[1]. Miller BE, et al. The pharmacokinetics and pharmacodynamics of danirixin (GSK1325756)--a selective CXCR2 antagonist--in healthy adult subjects. BMC Pharmacol Toxicol. 2015 Jun 20;16:18.

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

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