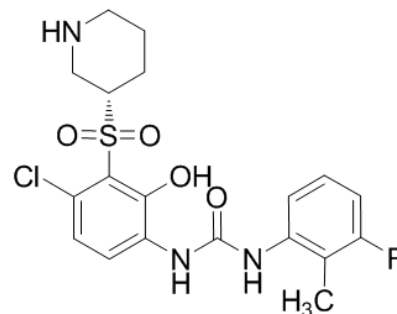


Product Name : Danirixin
Cat. No. : PC-45710
CAS No. : 954126-98-8
Molecular Formula : C₁₉H₂₁ClFN₃O₄S
Molecular Weight : 441.9041
Target : Chemokine Receptor (CCR and CXCR)
Solubility : DMSO: 8 mg/mL



Biological Activity

Danirixin (GSK1325756) is a high-affinity, selective and reversible **CXCR2** antagonist (IC₅₀=12.5 nM, CXCL8). Danirixin (GSK1325756) blocks the CD11b upregulation with pIC₅₀ of 6.05 and 6.3, respectively, in rat and human whole-blood studies. Danirixin (GSK1325756) blocks the influx of neutrophils into the lung in vivo in rats following aerosol lipopolysaccharide (ED₅₀=1.4 mg/kg); orally active.

References

- Bloomer JC, et al. *Eur J Pharm Biopharm.* 2017 Apr 3. pii: S0939-6411(16)31009-8.
Miller BE, et al. *BMC Pharmacol Toxicol.* 2015 Jun 20;16:18.
Busch-Petersen J, et al. *J Pharmacol Exp Ther.* 2017 Aug;362(2):338-346.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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