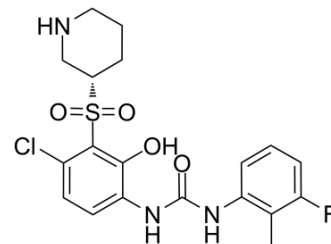


## Danirixin

<b>Cat. No.:</b>	HY-19768		
<b>CAS No.:</b>	954126-98-8		
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>21</sub> ClFN <sub>3</sub> O <sub>4</sub> S		
<b>Molecular Weight:</b>	441.9		
<b>Target:</b>	CXCR		
<b>Pathway:</b>	GPCR/G Protein; Immunology/Inflammation		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 8 mg/mL (18.10 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2630 mL	11.3148 mL	22.6296 mL
	5 mM	0.4526 mL	2.2630 mL	4.5259 mL
	10 mM	0.2263 mL	1.1315 mL	2.2630 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Danirixin is a selective, and reversible CXCR2 antagonist, with IC <sub>50</sub> of 12.5 nM for CXCL8.
<b>IC<sub>50</sub> &amp; Target</b>	CXCL8-CXCR2 12.5 nM (IC <sub>50</sub> )
<b>In Vitro</b>	Danirixin is a small molecule, CXCR2 antagonist being evaluated as a potential anti-inflammatory medicine <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Cell Death Dis. 2019 Mar 20;10(4):273.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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## 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.

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

### India Contact:

#### **Life Technologies (India) Pvt. Ltd.**

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444  
Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)