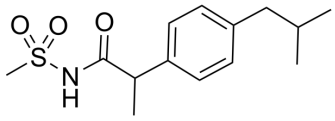
(Rac)-Reparixin

Cat. No.:	HY-15251A		
CAS No.:	957407-64-6		
Molecular Formula:	$C_{14}H_{21}NO_3S$		
Molecular Weight:	283.39		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (352.87 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.5287 mL	17.6435 mL	35.2871 mL
	5 mM	0.7057 mL	3.5287 mL	7.0574 mL
	10 mM	0.3529 mL	1.7644 mL	3.5287 mL

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

BIOLOGICAL ACTIVITY

Description

(Rac)-Reparixin is the isomer of Reparixin (HY-15251), and can be used as an experimental control. Reparixin is a non-competitive allosteric inhibitor of the chemokine receptors CXCR1 and CXCR2 activation with IC_{50}s of 1 and 100 nM, respectively.

REFERENCES

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