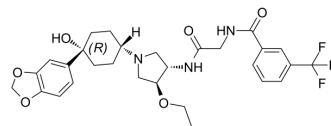


## INCB3344 R-isomer

Cat. No.:	HY-50674A		
Molecular Formula:	C <sub>29</sub> H <sub>34</sub> F <sub>3</sub> N <sub>3</sub> O <sub>6</sub>		
Molecular Weight:	577.59		
Target:	CCR		
Pathway:	GPCR/G Protein; Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 106.5 mg/mL (184.39 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7313 mL	8.6567 mL	17.3133 mL
	5 mM	0.3463 mL	1.7313 mL	3.4627 mL
	10 mM	0.1731 mL	0.8657 mL	1.7313 mL

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

### BIOLOGICAL ACTIVITY

#### Description

INCB3344 R-isomer is the R-isomer of INCB3344. INCB3344 is a potent, selective and orally bioavailable CCR2 antagonist with IC<sub>50</sub> values of 5.1 nM (hCCR2) and 9.5 nM (mCCR2) in binding antagonism and 3.8 nM (hCCR2) and 7.8 nM (mCCR2) in antagonism of chemotaxis activity<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

CCR2

### REFERENCES

[1]. Xue CB, et al. Discovery of INCB3344, a potent, selective and orally bioavailable antagonist of human and murine CCR2. *Bioorg Med Chem Lett*. 2010 Dec 15;20(24):7473-8

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA