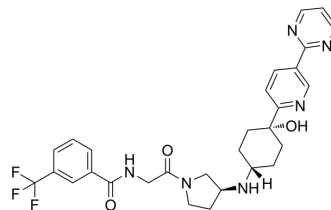


## (s)-PF-4136309

<b>Cat. No.:</b>	HY-13245A		
<b>CAS No.:</b>	1372407-07-2		
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>31</sub> F <sub>3</sub> N <sub>6</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	568.59		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<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 : ≥ 50 mg/mL (87.94 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7587 mL	8.7937 mL	17.5874 mL
	5 mM		0.3517 mL	1.7587 mL	3.5175 mL
	10 mM		0.1759 mL	0.8794 mL	1.7587 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(s)-PF-4136309 is the isomer of PF-4136309 (HY-13245), and can be used as an experimental control. PF-4136309 is a potent, selective, and orally bioavailable CCR2 antagonist, with IC<sub>50</sub>s of 5.2 nM, 17 nM and 13 nM for human, mouse and rat CCR2.

### REFERENCES

[1]. Xue CB, et al. Discovery of INCB8761/PF-4136309, a Potent, Selective, and Orally Bioavailable CCR2 Antagonist. ACS Med. Chem. Lett., 2011, 2 (12), pp 913-918.

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

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