(s)-PF-4136309

Cat. No.: HY-13245A

CAS No.: 1372407-07-2

Molecular Formula: $C_{29}H_{31}F_3N_6O_3$

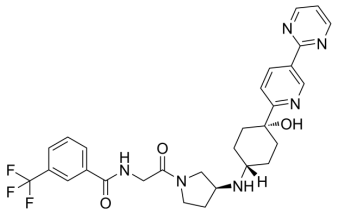
Molecular Weight: 568.59

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 : ≥ 50 mg/mL (87.94 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

Mass / Solvent / Concentration	1 mg	5 mg	10 mg
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 inactive 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_{50}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.

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

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