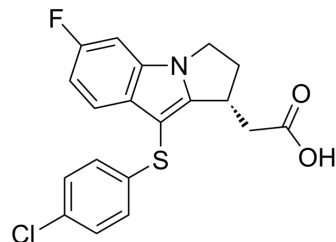


(R)-L 888607

Cat. No.:	HY-111271B
CAS No.:	2446042-90-4
Molecular Formula:	C ₁₉ H ₁₅ ClFNO ₂ S
Molecular Weight:	375.84
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (266.07 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.6607 mL	13.3035 mL	26.6071 mL
	5 mM		0.5321 mL	2.6607 mL	5.3214 mL
	10 mM		0.2661 mL	1.3304 mL	2.6607 mL

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

BIOLOGICAL ACTIVITY

Description

(R)-L 888607 is the isomer of L 888607 (HY-111271), and can be used as an experimental control. L 888607 is a potent, selective, stable and orally active CRTH2 agonist. L 888607 has high affinity for the human CRTH2 receptor with a K_i value of 4 nM. L 888607 can be used for the research of several physiological events and metabolite^[1].

REFERENCES

[1]. Gervais FG, Identification of a potent and selective synthetic agonist at the CRTH2 receptor. Mol Pharmacol. 2005 Jun;67(6):1834-9.

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

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