

Mocravimod hydrochloride

Chemical Properties

CAS No.:	509088-69-1
Formula:	C ₂₄ H ₂₇ Cl ₂ NO ₃ S
Molecular Weight:	480.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Mocravimod hydrochloride is a potent and orally active sphingosine 1-phosphate receptor type 1(S1PR1) agonist.
Targets(IC ₅₀)	Others: None
In vivo	Mocravimod hydrochloride(orally; 0.1 and 1 mg/kg/day; for 100 days) prolongs graft survival and attenuates chronic rejection in mHC-disparate rat heart allografts[2].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.081 mL	10.407 mL	20.814 mL
5 mM	0.416 mL	2.081 mL	4.163 mL
10 mM	0.208 mL	1.041 mL	2.081 mL
50 mM	0.042 mL	0.208 mL	0.416 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Poti F, et al. KRP-203, sphingosine 1-phosphate receptor type 1 agonist, ameliorates atherosclerosis in LDL-R
2. Shimizu H, et al. KRP-203, a novel synthetic immunosuppressant, prolongs graft survival and attenuates chronic rejection in rat skin and heart allografts. Circulation. 2005 Jan 18;111(2):222-9. Epub 2005 Jan 10.

Inhibitors · Natural Compounds · Compound Libraries

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