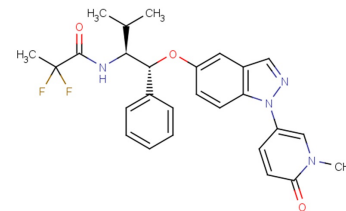


AZD9567

Chemical Properties

CAS No.:	1893415-00-3
Formula:	C ₂₇ H ₂₈ F ₂ N ₄ O ₃
Molecular Weight:	494.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	AZD9567 (compound 15) is a potent, oral active, non-steroidal and selective glucocorticoid receptor modulator (SGRM), with an IC ₅₀ of 3.8 nM. It shows excellent efficacy in the streptococcal cell wall (SCW) reactivation model of joint inflammation[1].
Targets(IC ₅₀)	Glucocorticoid receptor: 3.8 nM
In vivo	AZD9567 (15 mg/kg/day, Oral gavage daily for 8 days) treatment shows excellent in vivo efficacy in a rat model of joint inflammation[1].

Solubility Information

Solubility	H ₂ O: < 0.1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.022 mL	10.111 mL	20.221 mL
5 mM	0.404 mL	2.022 mL	4.044 mL
10 mM	0.202 mL	1.011 mL	2.022 mL
50 mM	0.04 mL	0.202 mL	0.404 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. Ripa L, et al. Discovery of a Novel Oral Glucocorticoid Receptor Modulator (AZD9567) with Improved Side Effect Profile. J Med Chem. 2018 Mar 8;61(5):1785-1799.

Inhibitors · Natural Compounds · Compound Libraries

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