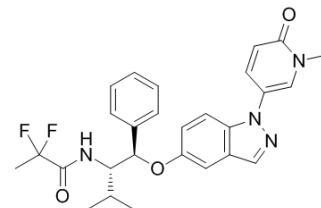


AZD9567

Cat. No.:	HY-120012		
CAS No.:	1893415-00-3		
Molecular Formula:	C ₂₇ H ₂₈ F ₂ N ₄ O ₃		
Molecular Weight:	494.53		
Target:	Glucocorticoid Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

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. Exhibits excellent efficacy in the streptococcal cell wall (SCW) reactivation model of joint inflammation ^[1] .	
IC ₅₀ & Target	IC ₅₀ : 3.8 nM (Glucocorticoid receptor) ^[1] .	
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] .	
	Animal Model:	Antigen-induced joint inflammation model in female Lewis rats (175-200 g), sensitized by an intra-articular injection of 5 µg of SCW ^[1] .
	Dosage:	15 mg/kg/day.
	Administration:	Oral gavage daily for 8 days.
	Result:	Inhibited ankle swelling in the rat SCW model.

REFERENCES

[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.

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

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