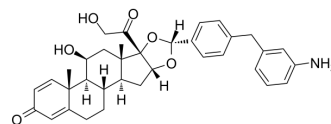


Glucocorticoid receptor agonist-1

Cat. No.:	HY-131974
CAS No.:	2166375-82-0
Molecular Formula:	C ₃₅ H ₃₉ NO ₆
Molecular Weight:	569.69
Target:	Glucocorticoid Receptor
Pathway:	Immunology/Inflammation; Vitamin D Related/Nuclear Receptor
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (175.53 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.7553 mL	8.7767 mL	17.5534 mL
			5 mM	0.3511 mL	1.7553 mL	3.5107 mL
10 mM	0.1755 mL	0.8777 mL	1.7553 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.39 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Glucocorticoid receptor agonist-1 is a potent glucocorticoid receptor agonist with an IC ₅₀ of 2.8 nM extracted from patent WO2017210471A1, compound 41 ^[1] .
IC ₅₀ & Target	IC50: 2.8 nM (Glucocorticoid receptor) ^[1]
In Vitro	Glucocorticoid receptor agonist immunoconjugates are useful for treating autoimmune diseases such as, but not limited to, rheumatoid arthritis, juvenile idiopathic arthritis, psoriatic arthritis, ankylosing spondylitis, adult Crohn's disease, pediatric Crohn's disease, ulcerative colitis, plaque psoriasis, hidradenitis suppurativa, uveitis, Behcets disease, a spondyloarthropathy, or psoriasis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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