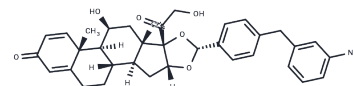


Glucocorticoid receptor agonist-1

Chemical Properties

CAS No. : 2166375-82-0
Formula: C₃₅H₃₉NO₆
Molecular Weight: 569.69
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Glucocorticoid receptor agonist-1 is a potent glucocorticoid receptor agonist with an IC ₅₀ of 2.8 nM[1].
Targets(IC ₅₀)	Glucocorticoid Receptor
In vitro	Glucocorticoid receptor agonist-1 (Compound 41) is a potent glucocorticoid receptor agonist with an IC ₅₀ of 2.8 nM.[1]

Solubility Information

Solubility	DMSO: 50 mg/mL (87.77 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0351 mL	0.1755 mL	0.3511 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Michael J, et al. Glucocorticoid receptor agonist and immunoconjugates thereof. WO2017210471A1.
Chaoulouff F, et al. Behavioural and biochemical evidence that glucocorticoids are not involved in DOI-elicited 5-

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