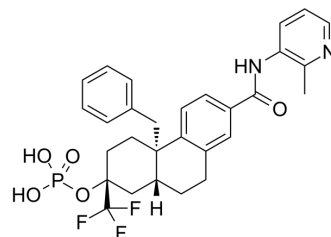


Fosdagrocorat

Cat. No.:	HY-16722		
CAS No.:	1044535-58-1		
Molecular Formula:	C ₂₉ H ₃₀ F ₃ N ₂ O ₅ P		
Molecular Weight:	574.53		
Target:	Glucocorticoid Receptor		
Pathway:	Immunology/Inflammation; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (217.57 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7406 mL	8.7028 mL	17.4055 mL
5 mM	0.3481 mL	1.7406 mL	3.4811 mL
10 mM	0.1741 mL	0.8703 mL	1.7406 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (3.62 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (3.62 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fosdagrocorat (PF-04171327) is a dissociated glucocorticoid receptor agonist.

REFERENCES

- [1]. Miyoshi S, et al. Pharmacokinetics and food-effect of fosdagrocorat (PF-04171327), a dissociated agonist of the glucocorticoid receptor, in healthy adult Caucasian and Japanese subjects. *Int J Clin Pharmacol Ther.* 2016 Dec;54(12):966-976.

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

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