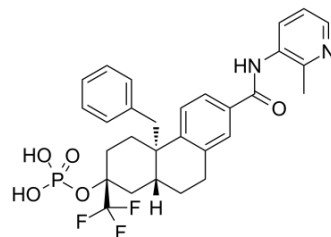


## Fosdagrocorat

<b>Cat. No.:</b>	HY-16722		
<b>CAS No.:</b>	1044535-58-1		
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>30</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub> P		
<b>Molecular Weight:</b>	574.53		
<b>Target:</b>	Glucocorticoid Receptor		
<b>Pathway:</b>	GPCR/G Protein		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### 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.

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

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