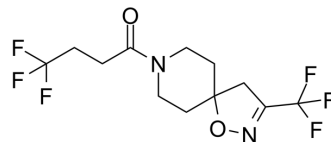


Alpibectir

Cat. No.:	HY-147241		
CAS No.:	2285440-39-1		
Molecular Formula:	C ₁₂ H ₁₄ F ₆ N ₂ O ₂		
Molecular Weight:	332.24		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (601.97 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0099 mL	15.0494 mL	30.0987 mL
	5 mM	0.6020 mL	3.0099 mL	6.0197 mL
	10 mM	0.3010 mL	1.5049 mL	3.0099 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: 5 mg/mL (15.05 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 5 mg/mL (15.05 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 5 mg/mL (15.05 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Alpibectir is an antibacterial agent^[1].

REFERENCES

[1]. WHO Drug Information, Vol. 36, No. 2, 2022. Geneva: World Health Organization; 2022. Licence: CC BY-NC-SA 3.0 IGO.

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

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