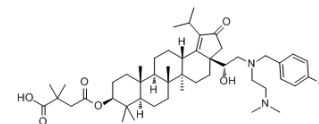


GSK2838232

Cat. No.:	HY-15884		
CAS No.:	1443460-91-0		
Molecular Formula:	C ₄₈ H ₇₃ ClN ₂ O ₆		
Molecular Weight:	809.56		
Target:	HIV		
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 : ≥ 50 mg/mL (61.76 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Mass	1 mg	5 mg	10 mg
	Concentration			
	1 mM	1.2352 mL	6.1762 mL	12.3524 mL
	5 mM	0.2470 mL	1.2352 mL	2.4705 mL
	10 mM	0.1235 mL	0.6176 mL	1.2352 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: 2.5 mg/mL (3.09 mM); Suspended solution; Need ultrasonic and warming
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
Solubility: ≥ 2.5 mg/mL (3.09 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% corn oil**
Solubility: ≥ 2.5 mg/mL (3.09 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GSK2838232 inhibit HIV reverse transcriptase activity across a broad panel of HIV-1 isolates, extracted from patent WO/2013090664A1, compound51.

REFERENCES

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

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