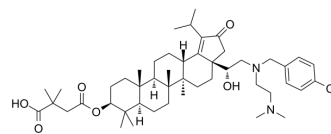


GSK2838232

| | | | |
|---------------------------|---|-------|---------|
| 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 | 2 years |
| | | -20°C | 1 year |



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (61.76 mM)
 * "≥" means soluble, but saturation unknown.

| | Solvent Concentration | Mass | | |
|------------------------------|--------------------------|-----------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 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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