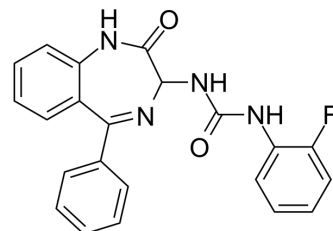


RSV604 racemate

Cat. No.:	HY-12993A		
CAS No.:	676128-62-4		
Molecular Formula:	C ₂₂ H ₁₇ FN ₄ O ₂		
Molecular Weight:	388.39		
Target:	RSV		
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 (128.74 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5747 mL	12.8737 mL	25.7473 mL
	5 mM	0.5149 mL	2.5747 mL	5.1495 mL
	10 mM	0.2575 mL	1.2874 mL	2.5747 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: ≥ 2.75 mg/mL (7.08 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.75 mg/mL (7.08 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

RSV604 (A-60444) racemate is a racemic mixture, shows less potency against strains of respiratory syncytial virus (RSV) than the S-isomer.

REFERENCES

- [1]. 1,4-benzodiazepines as inhibitors of respiratory syncytial virus. The identification of a clinical candidate.

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

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