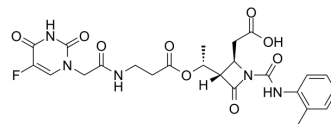


$\alpha 5\beta 1$ integrin agonist-1

Cat. No.:	HY-139702		
CAS No.:	2756557-83-0		
Molecular Formula:	C ₂₄ H ₂₆ FN ₅ O ₉		
Molecular Weight:	547.49		
Target:	Integrin		
Pathway:	Cytoskeleton		
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 : 100 mg/mL (182.65 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8265 mL	9.1326 mL	18.2652 mL
	5 mM	0.3653 mL	1.8265 mL	3.6530 mL
	10 mM	0.1827 mL	0.9133 mL	1.8265 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 (4.57 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline)
Solubility: ≥ 2.5 mg/mL (4.57 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.57 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

$\alpha 5\beta 1$ integrin agonist-1, acting as $\alpha 5\beta 1$ integrin agonist, is able to selectively deliver 5-FU into tumor cells, successfully leading to cancer cell death.

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA