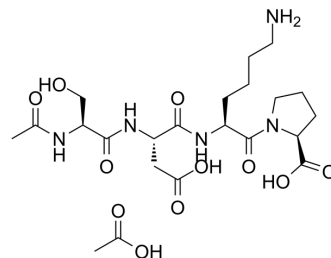


Goralatide acetate

Cat. No.:	HY-129283B
Molecular Formula:	C ₂₂ H ₃₇ N ₅ O ₁₁
Molecular Weight:	547.56
Sequence Shortening:	Ac-SDKP
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (182.63 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8263 mL	9.1314 mL	18.2628 mL
	5 mM	0.3653 mL	1.8263 mL	3.6526 mL
	10 mM	0.1826 mL	0.9131 mL	1.8263 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

Goralatide, a natural tetrapeptide, is a physiological regulator of hematopoiesis. Goralatide can inhibit primitive haematopoietic cell proliferation^[1].

REFERENCES

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

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