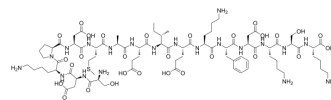


SDKPDMAEIEKFDKSK

Cat. No.: HY-P3301
CAS No.: 1339864-27-5
Molecular Formula: C₈₀H₁₃₀N₂₀O₂₉S
Molecular Weight: 1868.07
Sequence Shortening: SDKPDMAEIEKFDKSK
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	H ₂ O : 100 mg/mL (53.53 mM); Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		0.5353 mL	2.6766 mL	5.3531 mL
		5 mM		0.1071 mL	0.5353 mL	1.0706 mL
	10 mM		0.0535 mL	0.2677 mL	0.5353 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (53.53 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	SDKPDMAEIEKFDKSK is a peptide derived from thymosin β ₄ (Tβ ₄) ^[1] .
In Vitro	Thymosin β ₄ (Tβ ₄) is a 43 amino acid polypeptide that belongs to a large family of highly conserved, small biologically active molecules. Thymosin β ₄ (Tβ ₄) inhibits PDGF-BB-induced fibrogenesis, proliferation and migration of HSC by blocking Akt phosphorylation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shah R, et al. Thymosin β 4 inhibits PDGF-BB induced activation, proliferation, and migration of human hepatic stellate cells via its actin-binding domain. Expert Opin Biol Ther. 2018;18(sup1):177-184.

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

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