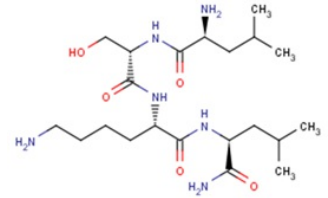


Data Sheet (Cat.No.T7377)

LSKL, Inhibitor of Thrombospondin TSP-1

Chemical Properties

CAS No.:	283609-79-0
Formula:	C ₂₁ H ₄₂ N ₆ O ₅
Molecular Weight:	458.6
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	LSKL, Inhibitor of Thrombospondin (TSP-1) is a peptide derived from the latency-associated peptide, inhibits thrombospondin (TSP-1) activation of TGF- β .
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Solubility Information

Solubility	DMSO: 100 mg/mL (218.05 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.181 mL	10.903 mL	21.805 mL
5 mM	0.436 mL	2.181 mL	4.361 mL
10 mM	0.218 mL	1.090 mL	2.181 mL
50 mM	0.044 mL	0.218 mL	0.436 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Liao F, Li G, Yuan W, et al. LSKL peptide alleviates subarachnoid fibrosis and hydrocephalus by inhibiting TSP1-mediated TGF- β 1 signaling activity following subarachnoid hemorrhage in rats. *Exp Ther Med*. 2016 Oct;12(4):2537-2543.
- Kuroki H, Hayashi H, Nakagawa S, et al. Effect of LSKL peptide on thrombospondin 1-mediated transforming growth factor β signal activation and liver regeneration after hepatectomy in an experimental model[J]. *British Journal of Surgery*, 2015, 102(7):813-825.

Inhibitors · Natural Compounds · Compound Libraries

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