

Tetracosactide

Cat. No.:	HY-P0060		
CAS No.:	16960-16-0		
Molecular Formula:	C ₁₃₆ H ₂₁₀ N ₄₀ O ₃₁ S		
Molecular Weight:	2933.44		
Sequence:	Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro		
Sequence Shortening:	SYSMEHFRWGKPVGKKRRPVKVYP		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month

SYSMEHFRWGKPVGKKRRPVKVYP

SOLVENT & SOLUBILITY

In Vitro

 H₂O : 100 mg/mL (34.09 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	0.3409 mL	1.7045 mL	3.4090 mL
	5 mM	0.0682 mL	0.3409 mL	0.6818 mL
	10 mM	0.0341 mL	0.1704 mL	0.3409 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Tetracosactide (INN) is an analogue of adrenocorticotrophic hormone (ACTH), with the biological activity of stimulating production of corticosteroids in the adrenal cortex.

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

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