

(Tyr36)-pTH-Related Protein (1-36) (human, mouse, rat)

Cat. No.:	HY-P4715
CAS No.:	213779-11-4
Molecular Formula:	C ₁₉₄ H ₃₀₃ N ₅₉ O ₅₃
Molecular Weight:	4309.85
Sequence:	Ala-Val-Ser-Glu-His-Gln-Leu-Leu-His-Asp-Lys-Gly-Lys-Ser-Ile-Gln-Asp-Leu-Arg-Arg-Arg-Phe-Phe-Leu-His-His-Leu-Ile-Ala-Glu-Ile-His-Thr-Ala-Glu-Tyr <small>AVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHTAEY</small>
Sequence Shortening:	AVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHTAEY
Target:	PTHR
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (23.20 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.2320 mL	1.1601 mL	2.3203 mL
	5 mM	0.0464 mL	0.2320 mL	0.4641 mL
	10 mM	0.0232 mL	0.1160 mL	0.2320 mL

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

BIOLOGICAL ACTIVITY

Description

(Tyr36)-pTH-Related Protein (1-36) (human, mouse, rat) is a peptide and can be used as a parathyroid hormone (PTH) receptor ligand^[1].

REFERENCES

[1]. Hoare SR, et al. Evaluating the ligand specificity of zebrafish parathyroid hormone (PTH) receptors: comparison of PTH, PTH-related protein, and tuberoinfundibular peptide of 39 residues. *Endocrinology*. 2000 Sep;141(9):3080-6.

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

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