

Exendin derivative 1

Cat. No.:	HY-P1157
Molecular Formula:	C ₁₈₄ H ₂₈₁ N ₄₉ O ₆₁ S
Molecular Weight:	4187.56
Sequence:	His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-Leu-Met-Asn-Pro-Gln-Arg-Ser-Thr-Val-Trp-Tyr <small>HAEGTFTSDVSKQMEEEAVRLFIEWLKNGGPSSGAPPPSLMNPQRSTWY</small>
Sequence Shortening:	HAEGTFTSDVSKQMEEEAVRLFIEWLKNGGPSSGAPPPSLMNPQRSTWY
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

H₂O : 50 mg/mL (11.94 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2388 mL	1.1940 mL	2.3880 mL
	5 mM	0.0478 mL	0.2388 mL	0.4776 mL
	10 mM	0.0239 mL	0.1194 mL	0.2388 mL

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

BIOLOGICAL ACTIVITY

Description

Exendin derivative 1 is a 39 amino acid peptide.

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

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