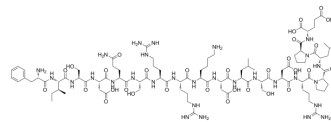


Spexin-2 (53-70), human,mouse,rat

Cat. No.: HY-P5490
CAS No.: 1370290-59-7
Molecular Formula: C₉₂H₁₅₁N₂₉O₃₁
Molecular Weight: 2159.36
Sequence: Phe-Ile-Ser-Asp-Gln-Ser-Arg-Arg-Lys-Asp-Leu-Ser-Asp-Arg-Pro-Leu-Pro-Glu
Sequence Shortening: FISDQSRRKDLSDRPLPE
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 : ≥ 100 mg/mL (46.31 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.4631 mL	2.3155 mL	4.6310 mL
	5 mM		0.0926 mL	0.4631 mL	0.9262 mL
	10 mM		0.0463 mL	0.2316 mL	0.4631 mL

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

BIOLOGICAL ACTIVITY

Description

Spexin-2 (53-70), human,mouse,rat (NPQ 53-70) is a biological active peptide. (This is Spexin-2 (53-70), non-amidated version of the novel peptide hormone that is derived from prohormone proNPQ and is conserved amongst mammalian species. It is a central modulator of cardiovascular and renal function. Spexin-2, when administered to rats, decreases heart rate and increases urine flow rate)

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

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