

Spexin

Cat. No.: HY-P1723
CAS No.: 1370290-58-6
Molecular Formula: C₇₄H₁₁₄N₂₀O₁₉S
Molecular Weight: 1619.88
Sequence Shortening: NWTPQAMLYLKGAQ-NH₂
Target: Neuropeptide Y Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Protect from light
 Powder -80°C 2 years
 -20°C 1 year

NWTPQAMLYLKGAQ-NH₂

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (15.43 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		0.6173 mL	3.0866 mL	6.1733 mL
	5 mM		0.1235 mL	0.6173 mL	1.2347 mL
	10 mM		0.0617 mL	0.3087 mL	0.6173 mL

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

BIOLOGICAL ACTIVITY

Description

Spexin is a conserved peptide plays roles of neurotransmitter/neuromodulator and endocrine factor. Spexin peptide contains numerous aromatic amino acids and is probably amidated^[1].

REFERENCES

[1]. Porzionato A, et al. Spexin expression in normal rat tissues. J Histochem Cytochem. 2010;58(9):825-837.

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

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