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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Tau Peptide (275-305) (Repeat 2 domain)

Cat. No.:	HY-P2516
CAS No.:	330456-25-2
Molecular Formula:	C ₁₃₉ H ₂₃₉ N ₄₃ O ₄₅ S
Molecular Weight:	3264.71
Sequence:	Val-Gln-Ile-Ile-Asn-Lys-Lys-Leu-Asp-Leu-Ser-Asn-Val-Gln-Ser-Lys-Cys-Gly-Ser-Lys-Asp-Asn-Ile-Lys-His-Val-Pro-Gly-Gly-Gly-Ser VQIINKKLDLSNVQSKCGSKDNIKHVPGGGS
Sequence Shortening:	VQIINKKLDLSNVQSKCGSKDNIKHVPGGGS
Target:	Tau Protein
Pathway:	Neuronal Signaling
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

DMSO : 12.5 mg/mL (3.83 mM; adjust pH to 3 with 1 M HCL)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.3063 mL	1.5315 mL	3.0631 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Tau Peptide (275-305) (Repeat 2 domain) is the Alzheimer's tau fragment R2, corresponding to the second repeat unit of the microtubule-binding domain, which is believed to be pivotal to the biochemical properties of full tau protein^[1].

REFERENCES

[1]. Dan-Jing Yang, et al. Mercury(II) promotes the in vitro aggregation of tau fragment corresponding to the second repeat of microtubule-binding domain: Coordination and conformational transition. Biopolymers. 2010 Dec;93(12):1100-7.

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

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