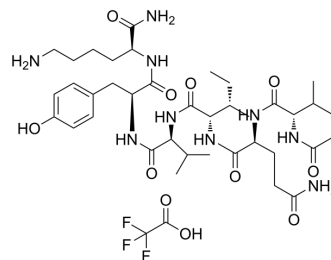


Acetyl-PHF6 amide TFA

Cat. No.:	HY-P1675A
Molecular Formula:	C ₄₀ H ₆₄ F ₃ N ₉ O ₁₁
Molecular Weight:	903.99
Sequence:	Ac-Val-Gln-Ile-Val-Tyr-Lys-NH ₂
Sequence Shortening:	Ac-VQIVYK-NH ₂
Target:	Tau Protein
Pathway:	Neuronal Signaling
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 : 67.5 mg/mL (74.67 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.1062 mL	5.5310 mL	11.0621 mL
5 mM			0.2212 mL	1.1062 mL	2.2124 mL	
	10 mM		0.1106 mL	0.5531 mL	1.1062 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.25 mg/mL (2.49 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Acetyl-PHF6 amide TFA (AcPHF6 TFA) is a tau derived hexapeptide.
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CUSTOMER VALIDATION

- Eur J Med Chem. 2020 Feb 1;187:111961.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Mohamed T, et al. Tau Derived Hexapeptide AcPHF6 Promotes Beta-Amyloid (A β) Fibrillogenesis. ACS Chem Neurosci. 2018 Apr 18;9(4):773-782.

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

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