

TDSRCVIGLYHPPLQVY TFA

Cat. No.:	HY-P3460A	
Molecular Formula:	C ₉₁ H ₁₃₈ F ₃ N ₂₃ O ₂₇ S	
Molecular Weight:	2075.27	
Sequence Shortening:	TDSRCVIGLYHPPLQVY	TDSRCVIGLYHPPLQVY (TFA salt)
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 : 16.67 mg/mL (8.03 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.4819 mL	2.4093 mL	4.8187 mL
	5 mM	0.0964 mL	0.4819 mL	0.9637 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

TDSRCVIGLYHPPLQVY TFA is a disordered control peptide. TDSRCVIGLYHPPLQVY TFA is a peptide containing the same amino acids as LP17 (HY-P3400) but in a different sequence order^{[1][2]}.

REFERENCES

[1]. Gibot S, et al. A soluble form of the triggering receptor expressed on myeloid cells-1 modulates the inflammatory response in murine sepsis. J Exp Med. 2004 Dec 6;200(11):1419-26.

[2]. Xu P, et al. Microglial TREM-1 receptor mediates neuroinflammatory injury via interaction with SYK in experimental ischemic stroke. Cell Death Dis. 2019 Jul 19;10(8):555

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

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