

TNF- α (31-45), human TFA

Cat. No.:	HY-P1860A	
Molecular Formula:	C ₇₁ H ₁₂₃ F ₃ N ₂₆ O ₂₄	
Molecular Weight:	1781.89	
Sequence Shortening:	RRANALLANGVELRD	RRANALLANGVELRD (TFA salt)
Target:	TNF Receptor	
Pathway:	Apoptosis	
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

H₂O : 33.33 mg/mL (18.70 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.5612 mL	2.8060 mL	5.6120 mL
	5 mM	0.1122 mL	0.5612 mL	1.1224 mL
	10 mM	0.0561 mL	0.2806 mL	0.5612 mL

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

BIOLOGICAL ACTIVITY

Description

TNF- α (31-45), human (TFA) is a peptide of tumor necrosis factor- α . Tumour necrosis factor alpha (TNF alpha) is an inflammatory cytokine that induces necrosis or apoptosis^[1].

CUSTOMER VALIDATION

- Front Oncol. 2022 Jun 30;12:804439.
- Mol Med Rep. 2019 Oct;20(4):3565-3572.
- Cytotechnology. 11 September 2021.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Idriss HT, Naismith JH. TNF alpha and the TNF receptor superfamily: structure-function relationship(s). Microsc Res Tech. 2000 Aug 1;50(3):184-95.

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

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