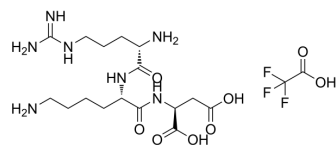


Thymotrinan TFA

Cat. No.:	HY-106765A
Molecular Formula:	C ₁₈ H ₃₂ F ₃ N ₇ O ₈
Molecular Weight:	531.48
Target:	Others
Pathway:	Others
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 : 100 mg/mL (188.15 mM; Need ultrasonic)

	Solvent	Mass	Concentration		
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.8815 mL	9.4077 mL	18.8154 mL
	5 mM		0.3763 mL	1.8815 mL	3.7631 mL
	10 mM		0.1882 mL	0.9408 mL	1.8815 mL

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

BIOLOGICAL ACTIVITY

Description

Thymotrinan (RGH-0205) TFA is a biologically active fragment of the naturally occurring thymus hormone thymopoietin and a immunomodulating peptide. Thymotrinan TFA exerts similar immunomodulatory activities to TP5 and to affect humoral as well as cellular responses^[1].

REFERENCES

[1]. Heizmann J, et al. Enzymatic cleavage of thymopoietin oligopeptides by pancreatic and intestinal brush-border enzymes. Peptides. 1996;17(7):1083-1089.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA