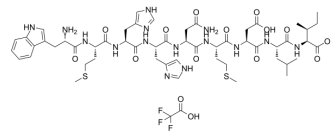


Uty HY Peptide (246-254) (TFA)

Cat. No.: HY-P1917A
Molecular Formula: C₅₅H₇₈F₃N₁₅O₁₅S₂
Molecular Weight: 1310.42
Sequence Shortening: WMHHNMDLI
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	H ₂ O : 12.5 mg/mL (9.54 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	0.7631 mL	3.8156 mL	7.6311 mL
		5 mM	0.1526 mL	0.7631 mL	1.5262 mL
10 mM		---	---	---	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (76.31 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Uty HY Peptide (246-254) TFA, derived from the ubiquitously transcribed tetratricopeptide repeat gene on the Y chromosome (UTY) protein as an H-Y epitope, H-YD ^b , is a male-specific transplantation antigen H-Y ^[1] .
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REFERENCES

[1]. Greenfield A, et al. An H-YDb epitope is encoded by a novel mouse Y chromosome gene. Nat Genet. 1996;14(4):474-478.

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

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