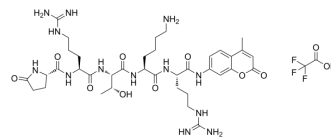


Pyr-Arg-Thr-Lys-Arg-AMC TFA

Cat. No.:	HY-P4349A
CAS No.:	1255501-99-5
Molecular Formula:	C ₃₉ H ₅₈ F ₃ N ₁₃ O ₁₁
Molecular Weight:	941.95
Sequence:	{Pyr}-Arg-Thr-Lys-Arg-{AMC}
Sequence Shortening:	{Pyr}-RTKR-{AMC}
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (106.16 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.0616 mL	5.3081 mL	10.6163 mL
5 mM	0.2123 mL	1.0616 mL	2.1233 mL
10 mM	0.1062 mL	0.5308 mL	1.0616 mL

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

BIOLOGICAL ACTIVITY

Description

Pyr-Arg-Thr-Lys-Arg-AMC TFA is a AMC peptide. AMC is a decapeptide that is specifically hydrolyzed by proteases such as trypsin and thrombin. The AMC peptide can be used to determine the activity of protease and the potency of enzyme inhibitors^[1].

REFERENCES

[1]. Neugebauer WA, et al. C-terminal amidation on aryl hydrazine resin. *Adv Exp Med Biol.* 2009;611:371-2.

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

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