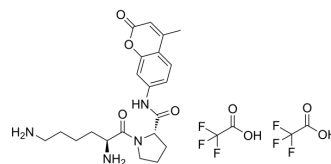


Lys-Pro-AMC diTFA

Cat. No.: HY-P4426A
Molecular Formula: C₂₅H₃₀F₆N₄O₈
Molecular Weight: 628.52
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 (159.10 mM; Need ultrasonic)
 DMSO : 100 mg/mL (159.10 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.5910 mL	7.9552 mL	15.9104 mL
	5 mM	0.3182 mL	1.5910 mL	3.1821 mL
	10 mM	0.1591 mL	0.7955 mL	1.5910 mL

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

BIOLOGICAL ACTIVITY

Description

Lys-Pro-AMC diTFA is a fluorogenic substrate for the detection and measurement of the activity of specific enzymes^[1].

REFERENCES

[1]. Pavla Fajtová, et al. Prolyl Oligopeptidase from the Blood Fluke *Schistosoma mansoni*: From Functional Analysis to Anti-schistosomal Inhibitors. *PLoS Negl Trop Dis*. 2015 Jun 3;9(6):e0003827.

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

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