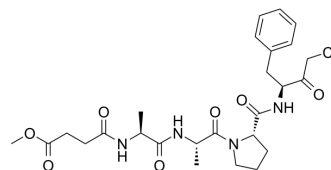


MeOSuc-AAPF-CMK

Cat. No.: HY-P5994
CAS No.: 137259-05-3
Molecular Formula: C₂₆H₃₅ClN₄O₇
Molecular Weight: 551.03
Sequence: {MeOSuc}-Ala-Ala-Pro-Phe-{CMK}
Sequence Shortening: {MeOSuc}-AAPF-{CMK}
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

DMSO : 100 mg/mL (181.48 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8148 mL	9.0739 mL	18.1478 mL
	5 mM	0.3630 mL	1.8148 mL	3.6296 mL
	10 mM	0.1815 mL	0.9074 mL	1.8148 mL

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

BIOLOGICAL ACTIVITY

Description

MeOSuc-AAPF-CMK (MeOSuc-Ala-Ala-Pro-Phe-CH₂Cl) is a potent proteinase K inhibitor^[1].

REFERENCES

[1]. Anilkumar R Kore, et al. Synthesis and application of MeOSuc-Ala-Ala-Pro-Phe-CH₂Cl as potent proteinase K inhibitor. *Bioorg Med Chem Lett.* 2009 Mar 1;19(5):1296-300.

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

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