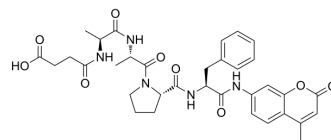


Suc-AAPF-AMC

Cat. No.:	HY-137811
CAS No.:	88467-45-2
Molecular Formula:	C ₃₄ H ₃₉ N ₅ O ₉
Molecular Weight:	661.7
Sequence:	{Suc}-Ala-Ala-Pro-Phe-{AMC}
Sequence Shortening:	{Suc}-AAPF-{AMC}
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	DMSO : 100 mg/mL (151.13 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.5113 mL	7.5563 mL	15.1126 mL
		5 mM	0.3023 mL	1.5113 mL	3.0225 mL
		10 mM	0.1511 mL	0.7556 mL	1.5113 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.78 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.78 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.78 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Suc-AAPF-AMC is an α-chymotrypsin fluorogenic substrate for the quantitative determination of chymotrypsin activity ^[1] .
-------------	--

REFERENCES

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