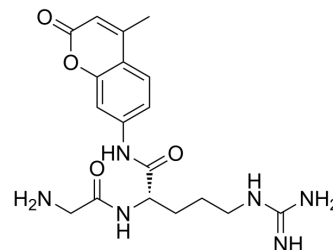


Gly-Arg-AMC

Cat. No.:	HY-P4342
CAS No.:	65147-19-5
Molecular Formula:	C ₁₈ H ₂₄ N ₆ O ₄
Molecular Weight:	388.42
Sequence:	Gly-Arg-{AMC}
Sequence Shortening:	GR-{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 : 125 mg/mL (321.82 mM; Need ultrasonic)

H₂O : ≥ 50 mg/mL (128.73 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5745 mL	12.8727 mL	25.7453 mL
	5 mM	0.5149 mL	2.5745 mL	5.1491 mL
	10 mM	0.2575 mL	1.2873 mL	2.5745 mL

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

BIOLOGICAL ACTIVITY

Description

Gly-Arg-AMC is a peptide substrate of DPAP1^[1].

REFERENCES

[1]. Klemba M, et, al. A Plasmodium falciparum dipeptidyl aminopeptidase I participates in vacuolar hemoglobin degradation. J Biol Chem. 2004 Oct 8;279(41):43000-7.

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

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