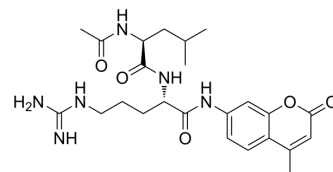


## Ac-Leu-Arg-AMC

Cat. No.:	HY-P1448
CAS No.:	929621-79-4
Molecular Formula:	C <sub>24</sub> H <sub>34</sub> N <sub>6</sub> O <sub>5</sub>
Molecular Weight:	486.56
Sequence Shortening:	Ac-LR-AMC
Target:	Fluorescent Dye
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 : 300 mg/mL (616.57 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0552 mL	10.2762 mL	20.5525 mL
	5 mM		0.4110 mL	2.0552 mL	4.1105 mL
	10 mM		0.2055 mL	1.0276 mL	2.0552 mL

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

## BIOLOGICAL ACTIVITY

### Description

Ac-Leu-Arg-AMC is a fluorogenic peptide substrate.

## REFERENCES

[1]. Onitsuka E, et al. A judgment on postmortem aging in longissimus dorsi based on a peptide substrate library. Biosci Biotechnol Biochem. 2006 Dec;70(12):2836-43.

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

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