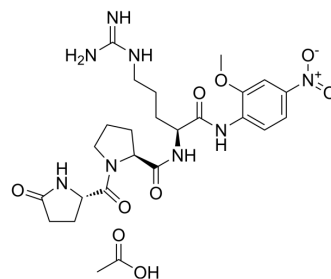


## pGlu-Pro-Arg-MNA monoacetate

<b>Cat. No.:</b>	HY-P0022A
<b>CAS No.:</b>	2070009-26-4
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>36</sub> N <sub>8</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	592.6
<b>Sequence:</b>	{pGlu}-Pro-Arg-MNA
<b>Sequence Shortening:</b>	{pGlu}-PR-MNA
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	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

H<sub>2</sub>O : ≥ 25 mg/mL (42.19 mM)

\* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6875 mL	8.4374 mL	16.8748 mL
5 mM	0.3375 mL	1.6875 mL	3.3750 mL
10 mM	0.1687 mL	0.8437 mL	1.6875 mL

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

### BIOLOGICAL ACTIVITY

#### Description

pGlu-Pro-Arg-MNA monoacetate is a chromogenic substrate.

#### In Vitro

Protein C activity is measured using the reagents, both with a partial thromboplastin time (aPTT) system as well as with a chromogenic substrate (pGlu-Pro-Arg-mNA) in a photometric method<sup>[1]</sup>.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Girolami A, et al. Heterozygous protein-S deficiency: a study of a large kindred. Acta Haematol. 1990;84(3):162-8.

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

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