

## Pyr-Arg-Thr-Lys-Arg-AMC

Cat. No.:	HY-P4349
CAS No.:	155575-02-3
Molecular Formula:	C <sub>37</sub> H <sub>57</sub> N <sub>13</sub> O <sub>9</sub>
Molecular Weight:	827.93
Sequence:	{Pyr}-Arg-Thr-Lys-{Arg-AMC}
Sequence Shortening:	{Pyr}-RTK-{Arg-AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Pyr-Arg-Thr-Lys-Arg-AMC is a AMC peptide. AMC is a decapeptide that is specifically hydrolyzed by proteases such as trypsin and thrombin. The AMC peptide can be used to determine the activity of protease and the potency of enzyme inhibitors<sup>[1]</sup>.

### REFERENCES

[1]. Neugebauer WA, et al. C-terminal amidation on aryl hydrazine resin. *Adv Exp Med Biol.* 2009;611:371-2.

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

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