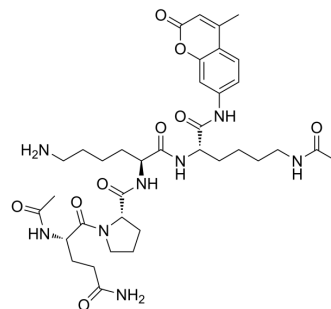


## Ac-QPKK(Ac)-AMC

Cat. No.:	HY-P3364
CAS No.:	1387005-23-3
Molecular Formula:	C <sub>36</sub> H <sub>52</sub> N <sub>8</sub> O <sub>9</sub>
Molecular Weight:	740.85
Sequence:	Ac-Gln-Pro-Lys-{Lys(Ac)}-AMC
Sequence Shortening:	Ac-QPK-{Lys(Ac)}-AMC
Target:	Sirtuin
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Ac-QPKK(Ac)-AMC is a fluorogenic substrate for sirtuin through sirtuin deacetylation <sup>[1]</sup> .
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### REFERENCES

[1]. Galleano I, et al., A Continuous, Fluorogenic Sirtuin 2 Deacetylase Assay: Substrate Screening and Inhibitor Evaluation. J Med Chem. 2016 Feb 11;59(3):1021-31.

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

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