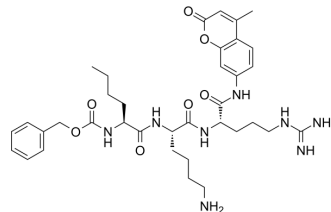


## Z-Nle-Lys-Arg-AMC

Cat. No.:	HY-155667
Molecular Formula:	C <sub>36</sub> H <sub>50</sub> N <sub>8</sub> O <sub>7</sub>
Molecular Weight:	706.83
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Z-Nle-Lys-Arg-AMC is a fluorogenic peptide substrate that specifically monitors cathepsin B activity over a broad pH range<sup>[1]</sup>.

### REFERENCES

[1]. Yoon MC, et al. Distinct Cleavage Properties of Cathepsin B Compared to Cysteine Cathepsins Enable the Design and Validation of a Specific Substrate for Cathepsin B over a Broad pH Range. *Biochemistry*. 2023 Aug 1;62(15):2289-2300.

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

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