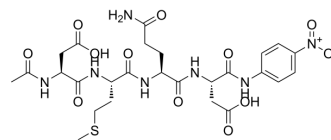


Ac-DMQD-pNA

Cat. No.:	HY-P10161
CAS No.:	907589-02-0
Molecular Formula:	C ₂₆ H ₃₅ N ₇ O ₁₂ S
Molecular Weight:	669.66
Sequence:	Ac-Asp-Met-Gln-Asp-{pNA}
Sequence Shortening:	Ac-DMQD-{pNA}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-DMQD-pNA is a peptide substrate. Both of the recombinant CgCaspase-1 (rCgCaspase-1) and the C-terminus of CgCaspase-1 (rCgCaspase-1-C) exhibits similar caspase activity towards proteolytic substrate Ac-DMQD-pNA and Ac-DEVD-pNA (HY-P1006)^{[1][2]}.

REFERENCES

- [1]. Fang B, et al. Structural and kinetic analysis of caspase-3 reveals role for s5 binding site in substrate recognition. *J Mol Biol.* 2006 Jul 14;360(3):654-66.
- [2]. Lu G, et al. The self-activation and LPS binding activity of executioner caspase-1 in oyster *Crassostrea gigas*. *Dev Comp Immunol.* 2017 Dec;77:330-339.

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

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