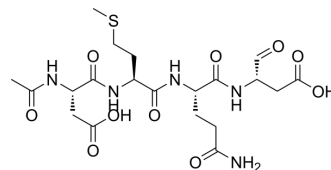


Ac-DMQD-CHO

Cat. No.:	HY-P2374
CAS No.:	259199-63-8
Molecular Formula:	C ₂₀ H ₃₁ N ₅ O ₁₀ S
Molecular Weight:	533.55
Sequence:	Ac-Asp-Met-Gln-Asp-CHO
Sequence Shortening:	Ac-DMQD-CHO
Target:	Caspase; Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ac-DMQD-CHO is a selective inhibitor for caspase 3, with IC₅₀ of 39 nM. Ac-DMQD-CHO reduces apoptosis, and exhibits neuroprotective efficacy^[1].

REFERENCES

[1]. Nuttall ME, et al., Inhibition of caspase-3-like activity prevents apoptosis while retaining functionality of human chondrocytes in vitro. J Orthop Res. 2000 May;18(3):356-63.

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

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