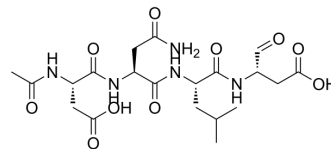


Ac-DNLD-CHO

Cat. No.:	HY-136733
CAS No.:	775289-20-8
Molecular Formula:	C ₂₀ H ₃₁ N ₅ O ₁₀
Molecular Weight:	501.49
Sequence:	Ac-Asp-Asn-Leu-Asp-CHO
Sequence Shortening:	Ac-DNLD-CHO
Target:	Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ac-DNLD-CHO (Ac-Asp-Asn-Leu-Asp-CHO) is a Caspase-3/7 inhibitor (IC ₅₀ : 9.89, 245 nM respectively; K _i ^{app} : 0.68, 55.7 nM respectively). Ac-DNLD-CHO can be used for research of caspase-mediated apoptosis diseases, such as neurodegenerative disorders and viral infection diseases ^[1] .
IC ₅₀ & Target	Caspase-3/7 ^[1]

REFERENCES

[1]. Yoshimori A, et al. Structural and functional definition of the specificity of a novel caspase-3 inhibitor, Ac-DNLD-CHO. BMC Pharmacol. 2007 Jun 27;7:8.

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

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