

Fluorescein-6-carboxyl-Asp(OMe)-Glu(OMe)-Val-DL-Asp(OMe)-fluoromethylketone

Cat. No.:	HY-P4900
CAS No.:	1926163-65-6
Molecular Formula:	C ₄₃ H ₄₅ FN ₄ O ₁₆
Molecular Weight:	892.83
Sequence:	{Fluorescein-6-carboxyl}-{Asp(OMe)}-{Glu(OMe)}-Val-{dl-Asp(OMe)}-{Fluoromethylketone}
Sequence Shortening:	{Fluorescein-6-carboxyl}-{Asp(OMe)}-{Glu(OMe)}-V-{dl-Asp(OMe)}-{Fluoromethylketone}
Target:	Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Fluorescein-6-carboxyl-Asp(OMe)-Glu(OMe)-Val-DL-Asp(OMe)-fluoromethylketone is a cell-permeable, non-toxic inhibitor that binds irreversibly to activated caspase-3 in apoptotic cells. The fluorescence intensity can be measured by flow cytometry, microwell plate reader, or fluorescence microscopy ^[1] .
IC ₅₀ & Target	Caspase 3

REFERENCES

[1]. M Kalai, et al. Tipping the balance between necrosis and apoptosis in human and murine cells treated with interferon and dsRNA. Cell Death Differ. 2002 Sep;9(9):981-94.

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

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