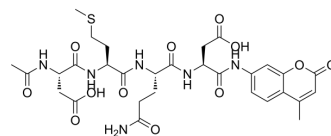


Ac-DMQD-AMC

Cat. No.:	HY-P10162
CAS No.:	355137-38-1
Molecular Formula:	C ₃₀ H ₃₈ N ₆ O ₁₂ S
Molecular Weight:	706.72
Sequence:	Ac-Asp-Met-Gln-Asp-{AMC}
Sequence Shortening:	Ac-DMQD-{AMC}
Target:	Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ac-DMQD-AMC is an inhibitor of caspase-3. Ac-DMQD-AMC is an aromatic amine using aminium-based coupling reagent HATU in the presence of 2,4,6-trimethylpyridine (TMP) ^[1] .
IC ₅₀ & Target	Caspase 3

REFERENCES

[1]. Przemysław Reszka, et al. Control of aspartate epimerization during the coupling of caspase specific tetrapeptides with aromatic amines by using N-[[[(dimethylamino)-1H-1,2,3-triazolo[4,5-b]pyridin-1-yl]methylene]-N-methylmethanaminium hexafluorophosphate N-oxide (HATU) as a coupling reagent. *Tetrahedron: Asymmetry*. 2008, 19, 1.

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

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