

cpm-1285m

Cat. No.:	HY-P10058
Molecular Formula:	C ₁₅₀ H ₂₃₄ N ₄₄ O ₄₂ S
Molecular Weight:	3357.8
Sequence:	{Decanoyl}-Lys-Asn-Leu-Trp-Ala-Ala-Gln-Arg-Tyr-Gly-Arg-Glu-Ala-Arg-Arg-Met-Ser-Asp-Glu-Phe-Glu-Gly-Ser-Phe-Lys-Gly-Leu
Sequence Shortening:	{Decanoyl}-KNLWAAQRYGREARRMSDEFEGSFKGL
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

cpm-1285m is a cell-permeable mutated peptide analogue of cpm-1285 (Bcl-2 inhibitory peptide). cpm-1285m contains a single substitution of alanine for Leu-151, and exhibits a decrease in Bcl-2 binding affinity with a reduction in IC₅₀ of -15-fold. cpm-1285m can be used as a control of cpm-1285^[1].

REFERENCES

[1]. Wang JL, et al. Cell permeable Bcl-2 binding peptides: a chemical approach to apoptosis induction in tumor cells. *Cancer Res.* 2000 Mar 15;60(6):1498-502.

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

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