

## cpm-1285

Cat. No.:	HY-P10057
CAS No.:	300349-97-7
Molecular Formula:	C <sub>153</sub> H <sub>240</sub> N <sub>44</sub> O <sub>42</sub> S
Molecular Weight:	3399.88
Sequence:	{Decanoyl}-Lys-Asn-Leu-Trp-Ala-Ala-Gln-Arg-Tyr-Gly-Arg-Glu-Leu-Arg-Arg-Met-Ser-Asp-Glu-Phe-Glu-Gly-Ser-Phe-Lys-Gly-Leu
Sequence Shortening:	{Decanoyl}-KNLWAAQRYGRELRRMSDEFEGSFKGL
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

cpm-1285 induces apoptosis by functionally blocking intracellular Bcl-2 and related death antagonists. cpm-1285 shows strong binding potency to Bcl-2 with an IC<sub>50</sub> value of 130 nM. cpm-1285 reduces tumor burden in mice<sup>[1]</sup>.

### 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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