

## BMf-BH3

Cat. No.:	HY-P1733
Molecular Formula:	C <sub>131</sub> H <sub>214</sub> N <sub>45</sub> O <sub>35</sub> S
Molecular Weight:	3012.5
Sequence:	Leu-Gln-His-Arg-Ala-Glu-Val-Gln-Ile-Ala-Arg-Lys-Leu-Gln-Cys-Ile-Ala-Asp-Gln-P he-His-Arg-Leu-His-Thr
Sequence Shortening:	LQHRAEVQIARKLQCIADQFHRLHT
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.

### BIOLOGICAL ACTIVITY

#### Description

BMf-BH3 belongs to the Bcl-2 apoptosis mediator family. BH3-only protein, Bmf is a key molecule for histone deacetylase (HDAC) inhibitors mediated enhancing effect on ionizing radiation-induced cell death<sup>[1][2]</sup>.

### REFERENCES

- [1]. Zhang Y, et al. Bmf contributes to histone deacetylase inhibitor-mediated enhancing effects on apoptosis after ionizing radiation. *Apoptosis*. 2006 Aug;11(8):1349-57.
- [2]. Puthalakath H, et al. Bmf: a proapoptotic BH3-only protein regulated by interaction with the myosin V actin motor complex, activated by anoikis. *Science*. 2001 Sep 7;293(5536):1829-32.

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

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