

## β-Lipotropin (61-69)

Cat. No.:	HY-P3515
CAS No.:	59481-79-7
Molecular Formula:	C <sub>45</sub> H <sub>66</sub> N <sub>10</sub> O <sub>15</sub> S
Molecular Weight:	1019.13
Sequence Shortening:	YGGFMTSEK
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	β-Lipotropin (61-69) is a potent opioid agonist <sup>[1][2]</sup> .
In Vitro	β-Lipotropin (61-69) shows comparable opioid agonist potency with that of enkephalin in guinea-pig ileum <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Li CH, et al. Primary structure of human beta-lipotropin. Nature. 1976 Apr 15;260(5552):622-4.

[2]. Gráf L, et al. Opioid agonist activity of beta-lipotropin fragments: a possible biological source of morphine-like substances in the pituitary. FEBS Lett. 1976 Apr 15;64(1):181-4.

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

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