

## (Diacetyl)- $\alpha$ -MSH

Cat. No.:	HY-P4760
CAS No.:	71952-90-4
Molecular Formula:	C <sub>79</sub> H <sub>111</sub> N <sub>21</sub> O <sub>20</sub> S
Molecular Weight:	1706.92
Sequence:	Ac-{Ser(Ac)}-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH <sub>2</sub>
Sequence Shortening:	Ac-{Ser(Ac)}-YSMEHFRWGKPV-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

(Diacetyl)- $\alpha$ -MSH is a peptide compound, which introduces an oxalyl (Diacetyl) group into the  $\alpha$ -MSH molecule, which can increase the biological activity of the polypeptide<sup>[1]</sup>.

### REFERENCES

[1]. R J Arends, et al. alpha-MSH acetylation in the pituitary gland of the sea bream (*Sparus aurata* L.) in response to different backgrounds, confinement and air exposure. *J Endocrinol.* 2000 Aug;166(2):427-35.

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

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