

## Dynorphin (2-17), amide (porcine)

Cat. No.:	HY-P3625
CAS No.:	161874-98-2
Molecular Formula:	C <sub>90</sub> H <sub>147</sub> N <sub>31</sub> O <sub>20</sub>
Molecular Weight:	1983.33
Sequence Shortening:	GGFLRRIRPKLKWDNQ-NH2
Target:	Endogenous Metabolite; Opioid Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Dynorphin (2-17), amide (porcine) is a dynorphin derivative with some analgesic effects. Dynorphin is a class of opioid peptides produced by the precursor protein dynorphinogen and is involved in pain, addiction and mood regulation<sup>[1]</sup>.

### REFERENCES

[1]. Brugos Brugos, et al. Stabilized dynorphin derivatives for modulating antinociceptive activity in morphine tolerant rats: effect of different routes of administration. AAPS J. 2004 Dec 28;6(4):e36.

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

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