

Dynorphin B (1-9)

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| Cat. No.: | HY-P5826 |
| CAS No.: | 126050-26-8 |
| Molecular Formula: | C ₅₄ H ₇₈ N ₁₆ O ₁₂ |
| Molecular Weight: | 1143.3 |
| Sequence: | Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe |
| Sequence Shortening: | YGGFLRRQF |
| 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

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| Description | Dynorphin B (1-9) is a neuropeptide and N-terminal cleavage product of dynorphin B. The formation of dynorphin B (1-9) is blocked by N-ethylmaleimide (NEM), a non-selective inhibitor of cysteine peptidases ^[1] . |
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REFERENCES

[1]. Bivehed E, et al. Region-specific bioconversion of dynorphin neuropeptide detected by in situ histochemistry and MALDI imaging mass spectrometry. Peptides. 2017;87:20-27.

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

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