

Dynorphin B 29 (pig)

Cat. No.:	HY-P3629
CAS No.:	84376-30-7
Molecular Formula:	C ₁₆₁ H ₂₃₆ N ₄₂ O ₄₈
Molecular Weight:	3527.86
Sequence Shortening:	YGGFLRRQFKVTRSQEDPNAYYEELFDV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Dynorphin B 29 (Leumorphin) (pig) is a peptide. Dynorphin B 29 (pig) can interact with multiple receptors in the brain, as well as in isolated tissue systems. Dynorphin B 29 (pig) can be used for the research of immunoreaction ^[1] .
In Vitro	Dynorphin B 29 (pig) has affinity for μ , δ and κ opioid receptors in brain with a K_i value of 5.0, 18.4 and 5.3, respectively ^[1] . Dynorphin B 29 (pig) has inhibition of electrically evoked contractions with a I_C value of 7.54 nM in Guinea Pig Ileum isolated organ preparations and with a I_C value of 7.01 nM in the presence of peptidase inhibitor ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. P Sanchez-Blazquez, et al. Dynorphin B-29: chemical synthesis and pharmacological properties in opioid systems in vitro. Neuropeptides. 1984 Sep;4(5):369-74.

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

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