

## [DAla2, DArg6] Dynorphin A, (1-13) (porcine)

Cat. No.:	HY-P3632
CAS No.:	75921-88-9
Molecular Formula:	C <sub>76</sub> H <sub>128</sub> N <sub>24</sub> O <sub>15</sub>
Molecular Weight:	1617.98
Sequence Shortening:	Y-{d-Ala}-GFL-{d-Ala}-RIRPKLK
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

[DAla2, DArg6] Dynorphin A, (1-13) (porcine) (DADAD) is an opioid peptide (dynorphin-13, DYN) derivative found in porcine pituitary extracts. DYN is highly potent at the peripheral opioid receptors GPI and MVD, but is readily and rapidly degraded in vivo. [DAla2, DArg6] Dynorphin A, (1-13) (porcine) has some resistance to enzymatic cleavage and prevents peptide cleavage by enzymes<sup>[1]</sup>.

### REFERENCES

[1]. Wüster M, et al. Opiate activity and receptor selectivity of dynorphin1-13 and related peptides. *Neurosci Lett.* 1980 Oct 20;20(1):79-83.

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

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