

(N-Me-Tyr1,N-Me-Arg7,D-Leu-NHEt8)-Dynorphin A (1-8)

Cat. No.:	HY-P4679
CAS No.:	103613-84-9
Molecular Formula:	C ₅₀ H ₈₁ N ₁₅ O ₉
Molecular Weight:	1036.27
Sequence:	{Tyr(Me)}-Gly-Gly-Phe-Leu-Arg-{Arg(N-Me)}-{d-Leu}-{NHet}
Sequence Shortening:	{Tyr(Me)}-GGFLR-{Arg(N-Me)}-{d-Leu}-{NHet}
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	(N-Me-Tyr1,N-Me-Arg7,D-Leu-NHEt8)-Dynorphin A (1-8) (E-2078), a stable Dynorphin A (1-8) (HY-P2159) analog, is a kappa opioid receptor (KOR) agonist ^[1] .
IC ₅₀ & Target	κ Opioid Receptor/KOR

REFERENCES

[1]. Butelman ER, et al. Effects of E-2078, a stable dynorphin A(1-8) analog, on sedation and serum prolactin levels in rhesus monkeys. *Psychopharmacology (Berl)*. 1999 Nov;147(1):73-80.

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

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