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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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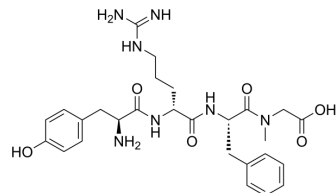
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(D-Arg2, Sar 4)-Dermorphin (1-4)

Cat. No.:	HY-P10555
CAS No.:	90549-86-3
Molecular Formula:	C ₂₇ H ₃₇ N ₇ O ₆
Molecular Weight:	555.63
Sequence:	Tyr-{DArg}-Phe-{Sar}
Sequence Shortening:	Y-{DArg}-F-{Sar}
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

(D-Arg2, Sar 4)-Dermorphin (1-4) is a tetrapeptide derivative of the peptide Dermorphin (HY-P0244) found in amphibian skin. (D-Arg2, Sar 4)-Dermorphin (1-4) has significant analgesic effects by binding to the μ -opioid receptor (MOR) in the body. (D-Arg2, Sar 4)-Dermorphin (1-4) can be used in the development of analgesic drugs^[1].

REFERENCES

[1]. Nakata N, et al. Physical dependence of a dermorphin tetrapeptide analog, [D-Arg2, Sar4]-dermorphin (1-4) in the rat [J]. Pharmacology Biochemistry and Behavior, 1986, 24(1): 27-31.

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

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