



Product Information

Product ID D1767

CAS No. 119975-64-3

Chemical Name

Synonym

Formula $C_{44}H_{62}N_{10}O_{10}S_2$

Formula Wt. 955.17

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description Dermenekephalin is an exogenous opioid peptide that acts as an agonist at δ -opioid receptors (selective for δ -2 receptors). Dermenekephalin, like other δ OR agonists, exhibits antinociceptive/analgesic activity, increasing response latency in animal models of thermal pain. Dermenekephalin also plays a role in reward and reinforcement signaling, inducing conditioned place preference in animal models previously administered ethanol or cocaine. Dermenekephalin also increases locomotor activity in animal models.

H-Tyr-D-Met-Phe-His-Leu-Met-Asp-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D1767	1 mg	\$63.00
D1767	2 mg	\$107.00
D1767	5 mg	\$189.00

References Mitchell JM, Margolis EB, Coker AR, et al. Intra-VTA deltorphin, but not DPDPE, induces place preference in ethanol-drinking rats: distinct DOR-1 and DOR-2 mechanisms control ethanol consumption and reward. *Alcohol Clin Exp Res.* 2014 Jan;38(1):195-203. PMID: 24033469.

Fraser GL, Parenteau H, Tu TM, et al. The effects of delta agonists on locomotor activity in habituated and non-habituated rats. *Life Sci.* 2000 Jul 14;67(8):913-22. PMID: 10946851.

Harasawa I, Fields HL, Meng ID. Delta opioid receptor mediated actions in the rostral ventromedial medulla on tail flick latency and nociceptive modulatory neurons. *Pain.* 2000 Mar;85(1-2):255-62. PMID: 10692626.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.