

Product ID K9858 CAS No. 70904-56-2 Chemical Name

Synonym KTP

Formula C₁₅H₂₃N₅O₄ Formula Wt. 337.4 Melting Point Purity ≥95% Solubility Soluble in water.
 Phone:
 888-558-5227

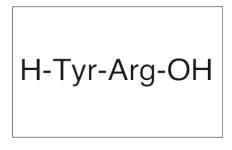
 651-644-8424

 Fax:
 888-558-7329

 Email:
 getinfo@lktlabs.com

 Web:
 lktlabs.com

Product Information



Bulk quanitites available upon request

Product ID	Size
K9858	5 mg
K9858	10 mg
K9858	25 mg

Store Temp -20°C

Ship Temp Ambient

Description Kyotorphin is an opioid neuropeptide that exhibits analgesic, antinociceptive, vasodilatory, and antihypertensive activities. Kyotorphin binds the kyotorphin receptor, which is coupled to Gi GPCRs, altering downstream PLC signaling and met-enkephalin release.

References Miguel M, Manso M, Aleixandre A, et al. Vascular effects, angiotensin I-converting enzyme (ACE)-inhibitory activity, and antihypertensive properties of peptides derived from egg white. J Agric Food Chem. 2007 Dec 26;55(26):10615-21. PMID: 18047278.

Ueda H, Inoue M. In vivo signal transduction of nociceptive response by kyotorphin (tyrosine-arginine) through Galpha(i)- and inositol trisphosphate-mediated Ca(2+) influx. Mol Pharmacol. 2000 Jan;57(1):108-15. PMID: 10617685.

Satoh M, Wada T, Iwama T, et al. Sites of analgesic actions of kyotorphin and D-kyotorphin in the central nervous system of rats. Neuropeptides. 1985 Feb;5(4-6):415-8. PMID: 4000414.

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