



LKT Laboratories, Inc.

Men 10376

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## Product Information

**Product ID** M1752

**CAS No.** 135306-85-3

**Chemical Name**

**Synonym** Neurokinin A(4-10), tyr(5)-trp(6,8,9)-lys(10)-

**Formula** C<sub>57</sub>H<sub>68</sub>N<sub>12</sub>O<sub>10</sub>

**Formula Wt.** 1081.25

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in acetic acid.

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Men 10376 is a peptide antagonist at neurokinin-2 (NK2) receptors. Men 10376 decreases stretch-activated contractility in airway smooth muscle tissue ex vivo and inhibits OVA-induced bronchoconstriction in vivo.

H-Asp-Tyr-D-Trp-Val-D-Trp-D-Trp-Lys-NH<sub>2</sub>

**Bulk quantities available upon request**

Product ID	Size
M1752	0.5 mg
M1752	1 mg
M1752	2.5 mg

**References** Hernandez JM, Cox G, Janssen LJ. Involvement of the neurokinin-2 receptor in airway smooth muscle stretch-activated contractions assessed in perfused intact bovine bronchial segments. *J Pharmacol Exp Ther.* 2008 Nov;327(2):503-10. PMID: 18719290.

Krishnakumar S, Holmes EP, Moore RM, et al. Non-adrenergic non-cholinergic excitatory innervation in the airways: role of neurokinin-2 receptors. *Auton Autacoid Pharmacol.* 2002 Aug;22(4):215-24. PMID: 12656947.

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