

Urotensin II-related peptide acetate

Chemical Properties

CAS No. :

Formula: C49H64N10O10S2.xC2H4O2

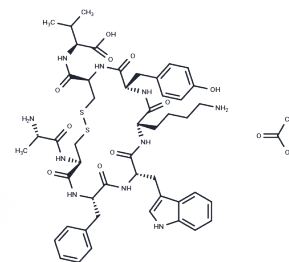
Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Urotensin II-related peptide acetate are endogenous ligands of the orphan G-protein-coupled receptor GPR14, now known as UT. Urotensin II and URP exert a wide spectrum of biological effects on peripheral tissues including the cardiovascular system, airway smooth muscle, kidneys, and endocrine glands, while central administration elicits complex behavioral and cardiovascular responses, highlighting their physiological and pharmacological significance.
Targets(IC50)	GPCR

Reference

Lescot E, et al. Nonpeptide Urotensin-II receptor agonists and antagonists: Review and structure-activity relationships *Peptides*. 2008 May;29(5):680-90.

Labarrère P, et al. Structure-activity relationships of human urotensin II and related analogues on rat aortic ring contraction. *J Enzyme Inhib Med Chem*. 2003 Apr;18(2):77-88.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481