
Product Data Sheet

Product Name: Urechistachykinin II

Cat. No.: GC37863

Chemical Properties

Cas. No. 149097-04-1

Formula C₄₄H₆₆N₁₄O₁₀S M.Wt 983.15

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Urechistachykinin II (Uru-TK II), an invertebrate tachykinin-related peptides (TRPs) isolated from echiuroid worms, shows antimicrobial activities without a hemolytic effect[1][2].

[1]. Sung WS, et al. Antimicrobial effect and membrane-active mechanism of Urechistachykinins, neuropeptides derived from Urechis unicinctus. FEBS Lett. 2008 Jul 9;582(16):2463-6. [2]. Kawada T, et al. Identification of multiple urechistachykinin peptides, gene expression, pharmacological activity, and detection using mass spectrometric analyses. Peptides. 2000 Dec;21(12):1777-83.

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

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