
Product Data Sheet

Product Name: Urechistachykinin I

Cat. No.: GC37862

Chemical Properties

Cas. No. 149097-03-0

Formula $C_{50}H_{85}N_{19}O_{14}$ M.Wt 1176.33

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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 I (Uru-TK I), 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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