
Product Data Sheet

Product Name: Adipokinetic Hormone (AKH) (24-32), locust
Cat. No.: GC31528

Chemical Properties

Cas. No. 53027-55-7

SMILES Pyr-Leu-Asn-Phe-Thr-Pro-Asn-Trp-Gly-Thr-NH₂

Formula C₅₄H₇₄N₁₄O₁₅ M.Wt 1159.27

Solubility Soluble in Water 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

Adipokinetic Hormone (AKH) (24-32), locust is a peptide hormone isolated from locusts.

Adipokinetic Hormone (AKH) function is pleiotropic, generally involved in energy metabolism. Adipokinetic Hormone (AKH) increases drosophila mortality elicited by entomopathogenic nematodes and affects drosophila locomotion[1].

[1]. Ibrahim E, et al. Adipokinetic hormone and adenosine interfere with nematobacterial infection and locomotion in *Drosophila melanogaster*. *J Insect Physiol.* 2018 Apr 5;107:167-174.

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

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