

Product Data Sheet

Product Name: Acetyl Pentapeptide-1

Cat. No.: GC42700

Chemical Properties

Cas. No. 97530-32-0

SMILES CC(N([H])[C@@H](CCCNC(N)=N)C(N[C@@H](CCCCN)C(N[C@H](C(N[C@@H](C(C)C)C(N[C@H](C(O)=O)CC1=CC=C(O)C=C1)=O)=O)CC(O)=O)=O)=O

Formula C₃₂H₅₁N₉O₁₀ M.Wt 721.8

Solubility PBS (pH 7.2): 10 mg/ml Storage Store at -20°C

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

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

Structure Ac—Arg—Lys—Asp—Val—Tyr—OH

Background

Acetyl pentapeptide-1 is a pentapeptide that decreases IL-8 secretion in human keratinocytes when used in combination with acetyl hexapeptide-36 and acetyl hexapeptide-38. Formulations containing acetyl pentapeptide-1 have been used to decrease skin irritation caused by cleansing and as moisturizing agents in cosmetic applications.

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

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