
Product Data Sheet

Product Name: H-Pro-Hyp-OH

Cat. No.: GA22849

Chemical Properties

Cas. No. 18684-24-7

Formula $C_{10}H_{16}N_2O_4$ M.Wt 228.25

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

H-Pro-Hyp-OH is a collagen-derived dipeptide that can stimulate the growth of skin fibroblasts to promote collagen synthesis and maintain joint health through cartilage-protective effects. H-Pro-Hyp-OH can be used in research related to skin anti-aging and joint health^[1].

References:

[1] Tedesco L, Rossi F, Ruocco C, et al. A designer mixture of six amino acids promotes the extracellular matrix gene expression in cultured human fibroblasts. *Biosci Biotechnol Biochem.* 2022 Aug 24;86(9):1255-1261.

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

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