
Product Data Sheet

Product Name: 3,4-Difluorophenylalanine

Cat. No.: GC65407

Chemical Properties

Cas. No. 32133-36-1

Formula C₉H₉F₂NO₂

M.Wt

201.17

Solubility

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**

3,4-Difluorophenylalanine is a fluorinated peptide with gelation ability[1][2].

[1]. Piepenbrink KH, et al. Fluorine substitutions in an antigenic peptide selectively modulate T-cell receptor binding in a minimally perturbing manner. *Biochem J.* 2009 Oct 12;423(3):353-61.

[2]. Ravarino P, et al. Fluorine Effect in the Gelation Ability of Low Molecular Weight Gelators. *Gels.* 2022 Feb 8;8(2):98.

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

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