

Product Data Sheet

Product Name: FA-Gly-Leu-Ala-OH

Cat. No.: GA21439

Chemical Properties

Cas. No. 56186-50-6

Formula $C_{18}H_{25}N_3O_6$

M.Wt 379.42

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

FA-Gly-Leu-Ala-OH is a good substrate for thermolysin, *Bacillus subtilis* neutral protease and *Pseudomonas aeruginosa* elastase, and can be used to study protein binding and interaction mechanisms. FA-Gly-Leu-Ala-OH is a tripeptide composed of glycine (Gly), leucine (Leu) and alanine (Ala). The tripeptide plays an important role in studying protein-protein interactions, enzyme activity and signal transduction pathways^[1].

References:

[1] Milroy L G, Grossmann T N, Hennig S, et al. Modulators of protein–protein interactions[J].

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

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Chemical reviews, 2014, 114(9): 4695-4748.

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