
Product Data Sheet

Product Name: H-Phe(3,5-DiF)-OH

Cat. No.: GC67373

Chemical Properties

Cas. No. 31105-91-6

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**

H-Phe(3,5-DiF)-OH is a difluorophenylalanines in the L-configuration [L-(F₂)Phe]. H-Phe(3,5-DiF)-OH can be incorporated into the thrombin receptor-tethered ligand peptide SFLLRNP to identify the phenyl hydrogens of the Phe-2 residue involved in the CH/π receptor interaction^[1].

[1]. Fujita T, et al. Synthesis of a complete set of l-difluorophenylalanines, l-(F₂)Phe, as molecular explorers for the CH/π interaction between peptide ligand and receptor. Tetrahedron Letters. 2000, 41(6):923-927.

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

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