

Product Data Sheet

Product Name: Fmoc-3-(2-Pyridyl)-Alanine

Cat. No.: GA10226

Chemical Properties

Cas. No. 185379-40-2

Chemical Name (S,E)-2-((((9H-fluoren-9-yl)methoxy)(hydroxy)methylene)amino)-3-(pyridin-2-yl)propanoic acid

SMILES O=C(O)[C@](/N=C(OCC1C2=CC=CC=C2C3=CC=CC=C31)\O)([H])CC4=CC=CC=N4

Formula $C_{23}H_{20}N_2O_4$

M.Wt 388.42

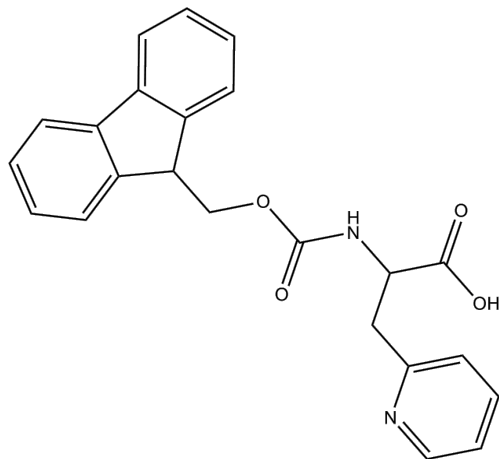
Solubility

Storage Store at 4° 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

Fmoc-β-(2-pyridyl)-Ala-OH is an Fmoc protected alanine derivative that is potentially useful for proteomics studies and solid phase peptide synthesis techniques. Alanine is one of the simplest amino acids - a methyl group as the side chain. This small side chain confers a high degree of flexibility (second only to glycine) when incorporated into a polypeptide chain. The Fmoc group is typically removed with a base such as pyridine - an orthogonal de-protection strategy to the acid

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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