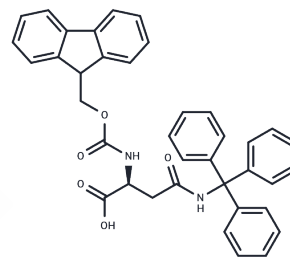


Fmoc-Asn(Trt)-OH

Chemical Properties

CAS No. :	132388-59-1
Formula:	C ₃₈ H ₃₂ N ₂ O ₅
Molecular Weight:	596.67
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fmoc-Asn(Trt)-OH is an Fmoc-protected amino acid reagent functionalized with a trityl group that is commonly used as a building block in peptide synthesis. Fmoc-Asn(Trt)-OH also serves as a versatile sulfonylation reagent in organic synthesis and drug discovery, as well as a biochemical substrate for developing novel biomaterials in life science research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (134.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (5.53 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.676 mL	8.3798 mL	16.7597 mL
5 mM	0.3352 mL	1.676 mL	3.3519 mL
10 mM	0.1676 mL	0.838 mL	1.676 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Nishizawa A, et al. Galactinol and raffinose constitute a novel function to protect plants from oxidative damage. *Plant Physiol.* 2008 Jul;147(3):1251-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481