

Suc-AEPF-AMC

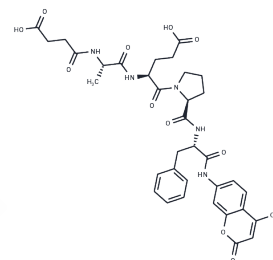
Chemical Properties

CAS No. : 142997-30-6

Formula: C₃₆H₄₁N₅O₁₁

Molecular Weight: 719.74

Storage: Store at low temperature, Keep away from moisture
 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	Suc-AEPF-AMC (Suc-Ala-Glu-Pro-Phe-AMC) is a peptide substrate for the peptidyl prolyl isomerases Pin1 and Par14, and is a peptide compound that can be used to assay protease activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (111.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3894 mL	6.947 mL	13.8939 mL
5 mM	0.2779 mL	1.3894 mL	2.7788 mL
10 mM	0.1389 mL	0.6947 mL	1.3894 mL
50 mM	0.0278 mL	0.1389 mL	0.2779 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

Uchida T, et al. Pin1 and Par14 peptidyl prolyl isomerase inhibitors block cell proliferation. Chem Biol. 2003 Jan;10(1):15-24.

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