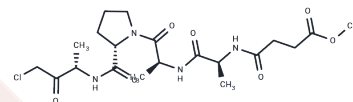


MeO-Suc-Ala-Ala-Pro-Ala-CMK

Chemical Properties

CAS No. : 111682-13-4
 Formula: C₂₀H₃₁ClN₄O₇
 Molecular Weight: 474.936
 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	MeO-Suc-Ala-Ala-Pro-Ala-CMK (MSACK) is an inhibitor of human neutrophil elastase (HNE) with an IC ₅₀ of 20.3 μM. It effectively inhibits the hydrolysis of substrates like lung tissue elastin by HNE and is applicable in studies related to conditions such as chronic obstructive pulmonary disease (COPD).
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1055 mL	10.5276 mL	21.0553 mL
5 mM	0.4211 mL	2.1055 mL	4.2111 mL
10 mM	0.2106 mL	1.0528 mL	2.1055 mL
50 mM	0.0421 mL	0.2106 mL	0.4211 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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