

## RETF-4NA acetate

### Chemical Properties

CAS No. :

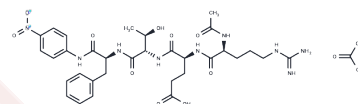
Formula: C34H47N9O12

Molecular Weight: 773.79

Keep away from moisture

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	RETF-4NA acetate is a sensitive, specific substrate for chymotrypsin.
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 7.74 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2923 mL	6.4617 mL	12.9234 mL
5 mM	0.2585 mL	1.2923 mL	2.5847 mL
10 mM	0.1292 mL	0.6462 mL	1.2923 mL
50 mM	0.0258 mL	0.1292 mL	0.2585 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

Katariina Maaninka, et al. Human Mast Cells Arise From a Common Circulating Progenitor. J Allergy Clin Immunol. 2013 Aug;132(2):463-9.e3.

Wilfred W Raymond, et al. Alpha 2-macroglobulin Capture Allows Detection of Mast Cell Chymase in Serum and Creates a Reservoir of Angiotensin II-generating Activity. J Immunol. 2009 May 1;182(9):5770-7.

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