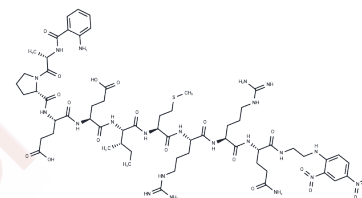


Abz-Ala-Pro-Glu-Glu-Ile-Met-Arg-Arg-Gln-EDDnp

Chemical Properties

CAS No. : 824405-61-0
 Formula: C61H93N21O19S
 Molecular Weight: 1456.6
 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	Abz-Ala-Pro-Glu-Glu-Ile-Met-Arg-Arg-Gln-EDDnp is a fluorescence-quenched peptide substrate for human neutrophil elastase (kcat/Km = 531 mM ⁻¹ s ⁻¹). Enzymatic peptide hydrolysis disrupts the Abz:EDDnp donor-acceptor pair allowing fluorescence measurement of Abz (ex = 320 nm; em = 420 nm).
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6865 mL	3.4327 mL	6.8653 mL
5 mM	0.1373 mL	0.6865 mL	1.3731 mL
10 mM	0.0687 mL	0.3433 mL	0.6865 mL
50 mM	0.0137 mL	0.0687 mL	0.1373 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

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

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