

Abz-FR-K(Dnp)-P-OH acetate

Chemical Properties

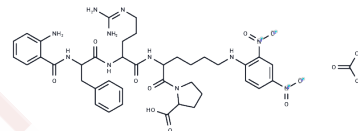
CAS No. :

Formula: C41H53N11O12

Molecular Weight: 891.95

Storage: 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	Abz-FR-K(Dnp)-P-OH acetate is an excellent angiotensin I-converting enzyme (ACE) substrate with a Km value of 4.0 μ M and a kcat value of 210s ⁻¹ .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (280.28 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	1.1211 mL	5.6057 mL	11.2114 mL
5 mM	0.2242 mL	1.1211 mL	2.2423 mL
10 mM	0.1121 mL	0.5606 mL	1.1211 mL
50 mM	0.0224 mL	0.1121 mL	0.2242 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

Alves MF, et al. A continuous fluorescent assay for the determination of plasma and tissue angiotensin I-converting enzyme activity. Braz J Med Biol Res. 2005 Jun;38(6):861-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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