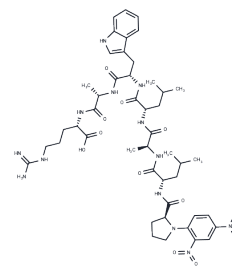


DNP-Pro-Leu-Ala-Leu-Trp-Ala-Arg-OH

Chemical Properties

CAS No. :	135662-04-3
Formula:	C46H65N13O12
Molecular Weight:	992.09
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	DNP-Pro-Leu-Ala-Leu-Trp-Ala-Arg-OH serves as a substrate for the matrix metalloproteinase MMP-1, exhibiting a Michaelis constant (Km) of 26.61 μM. Additionally, this compound is employed as a fluorescence probe for monitoring protein activity [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.008 mL	5.0399 mL	10.0797 mL
5 mM	0.2016 mL	1.008 mL	2.0159 mL
10 mM	0.1008 mL	0.504 mL	1.008 mL
50 mM	0.0202 mL	0.1008 mL	0.2016 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481