

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

Cat. No.:	HY-P2608
CAS No.:	135662-04-3
Molecular Formula:	C ₄₆ H ₆₅ N ₁₃ O ₁₂
Molecular Weight:	992.09
Sequence:	{Dnp}-Pro-Leu-Ala-Leu-Trp-Ala-Arg
Sequence Shortening:	{Dnp}-PLALWAR
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	DNP-Pro-Leu-Ala-Leu-Trp-Ala-Arg-OH is the substrate for matrix metalloproteinase MMP-1, with a K_m of 26.61 μ M. DNP-Pro-Leu-Ala-Leu-Trp-Ala-Arg-OH is utilized as fluorescence probe for detecting protein activity ^[1] .
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REFERENCES

[1]. Nguyen TT, et al., The influence of flavonoid compounds on the in vitro inhibition study of a human fibroblast collagenase catalytic domain expressed in E. coli. Enzyme Microb Technol. 2013 Jan 10;52(1):26-31.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA