# MMP substrate (fluorogenic)

Fluorogenic substrate for several matrix metalloproteinases (MMPs). It is cleaved by MMP-1, MMP-3, MMP-7, MMP-8, MMP-9, MMP-11, MMP-12, MMP-13, and ADAM9/MDC9, but only slightly by MMP-2 and not at all by ADAM17/TACE. Ex/Em= 340nm/440nm, although 365/450 is also appropriate. Highly quenched, with strong fluorescence by Nma at 440nm once cleavage separates it from the aromatic Dnp moiety. Compatible with most fluorometers.

**Citations:** 12 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **BML-P128-0001** | 1mg |

## Manuals, SDS & CofA View Online »

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Handling** | Protect from light. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | Matrix metalloproteinase substrate, Dnp-Pro-β-cyclohexyl-Ala-Gly-Cys(Me)-His-Ala-Lys(Nma)-NH2 |
| **Appearance** | lyophylized solid |
| **MW** | 1077.4 |
| **Purity** | ≥98% (HPLC) |
| **Sequence** | Dnp-P(Cha)G(CMe)HA(KNma)-amide |
| **Solubility** | Soluble in DMSO (at least 20mM). |

**Last modified: May 29, 2024**

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.