



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Mca-P-Cha-G-Nva-HA-Dap(DNP)-NH<sub>2</sub>

<b>Cat. No.:</b>	HY-P3098
<b>CAS No.:</b>	256394-94-2
<b>Molecular Formula:</b>	C <sub>51</sub> H <sub>65</sub> N <sub>13</sub> O <sub>15</sub>
<b>Molecular Weight:</b>	1100.14
<b>Target:</b>	MMP
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Mca-P-Cha-G-Nva-HA-Dap(DNP)-NH <sub>2</sub> is a fluorogenic substrate for matrix metalloproteinase-1 (MMP-1), MMP-3, and MMP-26. Mca-P-Cha-G-Nva-HA-Dap(DNP)-NH <sub>2</sub> can be used to quantify MMP-1, MMP-3 and MMP-26 activity <sup>[1][2]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	MMP-1	MMP-3	MMP-26

### REFERENCES

[1]. Park HI, et al. Peptide substrate specificities and protein cleavage sites of human endometase/matrilysin-2/matrix metalloproteinase-26. J Biol Chem. 2002 Sep 20;277(38):35168-75.

[2]. Knäuper V, et al. The role of exon 5 in fibroblast collagenase (MMP-1) substrate specificity and inhibitor selectivity. Eur J Biochem. 2001 Mar;268(6):1888-96.

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

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