

## MMP-1/MMP-9 Substrate, Fluorogenic

Cat. No.:	HY-P2179
CAS No.:	150956-92-6
Molecular Formula:	C <sub>49</sub> H <sub>68</sub> N <sub>14</sub> O <sub>12</sub> S
Molecular Weight:	1077.22
Sequence:	{Dnp}-Pro-{Cha}-Gly-{Cys(Me)}-His-Ala-{Lys(Nma)}-NH <sub>2</sub>
Sequence Shortening:	{Dnp}-P-{Cha}-G-{Cys(Me)}-HA-{Lys(Nma)}-NH <sub>2</sub>
Target:	Fluorescent Dye; MMP
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	MMP-1/MMP-9 Substrate, Fluorogenic is a fluorogenic substrate for MMP-1 and MMP-9 <sup>[1]</sup> . Ex/Em = 340/440 nm
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### REFERENCES

[1]. B T Frank, et al. Mast Cell Tissue Inhibitor of Metalloproteinase-1 Is Cleaved and Inactivated Extracellularly by  $\alpha$ -Chymase. J Immunol.2001 Feb 15;166(4):2783-92.

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

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