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**Product Data Sheet**

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Product Name: Mca-Arg-Pro-Lys-Pro-Tyr-Ala-Nva-Trp-Met-Lys(Dnp)-NH<sub>2</sub>

Cat. No.: GA23176

**Chemical Properties**

Cas. No. 158584-08-8

Formula C<sub>79</sub>H<sub>105</sub>N<sub>19</sub>O<sub>19</sub>S

M.Wt

1656.89

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

The FRET substrate Mca-RPKPYA-Nva-WMK(Dnp)-amide was hydrolyzed 60 times more rapidly by stromelysin 1 (MMP-3) ( $k_{cat}/K_m = 59400 \text{ M}^{-1}\text{s}^{-1}$ ) than by interstitial collagenase (MMP-1). However, it showed little discrimination between MMP-3, gelatinase A (MMP-2

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

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