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**Product Data Sheet**

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Product Name: Mca-Gly-Ser-Pro-Ala-Phe-Leu-Ala-Lys(Dnp)-D-Arg-NH<sub>2</sub>

Cat. No.: GA23178

**Chemical Properties**

Cas. No. 592544-81-5

Formula C<sub>61</sub>H<sub>82</sub>N<sub>16</sub>O<sub>18</sub> M.Wt 1327.42

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**

Highly sensitive and selective cathepsin E FRET substrate derived from the cleavage site sequence of human  $\alpha$ 2-macroglobulin (Km = 1.9  $\mu$ M; kcat/Km = 10.2  $\mu$ M<sup>-1</sup>s<sup>-1</sup> for human erythrocyte cathepsin E). The substrate was resistant to hyd

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

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