
Product Data Sheet

Product Name: Mca-Pro-Leu-Gly-Leu-Glu-Glu-Ala-Dap(Dnp)-NH₂

Cat. No.: GA23181

Chemical Properties

Cas. No. 891198-38-2

Formula C₅₃H₇₀N₁₂O₂₀ M.Wt 1195.21

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 selective MMP-12 FRET substrate with a k_{cat}/K_m value of $1.85 \cdot 10^5 \text{ M}^{-1}\text{s}^{-1}$. Poor substrate of other MMPs with the exception of MMP-13 ($k_{cat}/K_m = 0.53 \cdot 10^5 \text{ M}^{-1}\text{s}^{-1}$) and MMP-9 ($0.33 \cdot 10^5 \text{ M}^{-1}\text{s}^{-1}$).

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

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