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**Product Data Sheet**

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Product Name: Fmoc-Tyr-Ala-diazomethylketone

Cat. No.: GA21834

**Chemical Properties**

Cas. No. 205763-22-0

Formula C<sub>28</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub> M.Wt 498.54

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**

Fmoc-Tyr-Ala-diazomethylketone inhibited cathepsins B, L, and S with similar kinetics. Fmoc-YA-DMK was shown to react irreversibly with cathepsins B and L, but not with cathepsin S and was able to penetrate cells and to react with active enzymes within

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

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