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**Product Data Sheet**

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Product Name: Z-Gly-Pro-Arg-AMC . HCl

Cat. No.: GA23819

**Chemical Properties**

Cas. No. 201928-42-9

Formula  $C_{31}H_{37}N_7O_7 \cdot HCl$ 

M.Wt 656.14

Solubility DMSO : 100 mg/mL (152.41 mM; Need ultrasonic) 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**

Z-GPR-AMC is a fluorogenic substrate for cathepsin K, granzyme A, and thrombin. Kinetic data for throbin:  $k_{cat} = 18.6$ ,  $K_m = 21.7 \mu M$ .

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

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