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## Product Data Sheet

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Product Name: Ac-Trp-Glu-His-Asp-AMC

Cat. No.: GA20661

### Chemical Properties

Cas. No. 189275-74-9

Formula  $C_{38}H_{40}N_8O_{11}$  M.Wt 784.78

Solubility Soluble in DMSO Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

With a  $k_{cat}/K_m$  of  $3.3 \cdot 10^5 M^{-1}s^{-1}$  the fluorogenic caspase-1 substrate Ac-WEHD-AMC is cleaved 50-fold more efficiently than Ac-Tyr-Val-Ala-Asp-AMC. This result indicates that the optimal tetrapeptide recognition sequence for caspase-1 is Trp-Glu

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

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