
Product Data Sheet

Product Name: Abz-Gln-Val-Val-Ala-Gly-Ala-EDDnp

Cat. No.: GA20456

Chemical Properties

Cas. No. 152390-52-8

Formula $C_{38}H_{54}N_{12}O_{12}$ M.Wt 870.92

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**

Abz-QVVAGA-EDDnp is a FRET substrate of papain, based on the highly conserved sequence QVVAG of the cystatin family of natural inhibitors, is among the most sensitive papain substrates ever reported ($k_{cat}/K_m = 29 \cdot 10^4 M^{-1} s^{-1}$).

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

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