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**Product Data Sheet**

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Product Name: Dansyl-D-Ala-Gly-4-nitro-Phe-Gly-OH

Cat. No.: GA21364

**Chemical Properties**

Cas. No. 83960-27-4

Formula  $C_{28}H_{32}N_6O_9S$  M.Wt 628.66Solubility 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**

Highly sensitive fluorescence resonance energy transfer (FRET) substrate for neutral endopeptidase (NEP or neprilysin EC 3.4.24.11) ( $K_m = 45 \mu M$ ,  $k_{cat} = 59 \text{ min}^{-1}$ ,  $k_{cat}/K_m = 1.3 \text{ min}^{-1}\mu M^{-1}$ ). Enzymatic activity can be monitored with a

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

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