
Product Data Sheet

Product Name: Arg-Glu(EDANS)-(Asn⁶⁷⁰,Leu⁶⁷¹)-Amyloid β /A4 Protein Precursor⁷⁷⁰
(668-675)-Lys(DABCYL)-Arg

Cat. No.: GA20780

Chemical Properties

Cas. No. 310427-94-2

Formula C₉₁H₁₂₉N₂₅O₂₅S M.Wt 2005.25

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

Fluorogenic (FRET) substrate for pro-memapsin-2 containing the β -secretase site EVNLDAEF of the Swedish mutation of APP. The kinetic parameters at pH 4.5 are $K_m = 5.4 \mu\text{M}$ and $k_{cat} = 0.24 \text{ min}^{-1}$.

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

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