
Product Data Sheet

Product Name: DABCYL- γ -Abu-Arg-Pro-Lys-Pro-Val-Glu-Nva-Trp-Arg-Glu(EDANS)-Ala-Lys-NH₂

Cat. No.: GA21359

Chemical Properties

Cas. No. 202273-56-1

Formula C₉₉H₁₄₄N₂₈O₂₀S M.Wt 2078.48

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

A selective fluorogenic (FRET) matrix metalloproteinase (MMP) substrate. The kcat/Km value for MMP-3 (Stromelysin-1) is 29.000 M⁻¹s⁻¹, for MMP-13 13.000 M⁻¹s⁻¹, and for MMP-9 7.500 M⁻¹s⁻¹ (at pH 7.5, 25 °C). The fluorescence increase is monitored using

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

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