
Product Data Sheet

Product Name: Ac-Glu-Asp(EDANS)-Lys-Pro-Ile-Leu-Phe-Phe-Arg-Leu-Gly-Lys(DABCYL)-Glu-NH₂

Cat. No.: GA20560

Chemical Properties

Cas. No. 400716-78-1

Formula C₁₀₄H₁₄₆N₂₄O₂₃S M.Wt 2132.52

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

Ac-ED(edans)KPILFFRLGK(dabcyl)E-amide, a sensitive fluorescent (FRET) peptide substrate for cathepsin D. This enzyme can degrade extracellular matrix components and may facilitate the spread of tumor cells. High levels of active cathepsin D were found

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

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