
Product Data Sheet

Product Name: DABCYL- γ -Abu-Ile-His-Pro-Phe-His-Leu-Val-Ile-His-Thr-EDANS
Cat. No.: GA21360

Chemical Properties

Cas. No. 142988-22-5

Formula $C_{90}H_{120}N_{22}O_{16}S$ M.Wt 1798.15

Solubility 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

The fluorogenic peptide substrate DABCYL-Abu-HPFHLVIHT-EDANS has been developed to continuously measure the proteolytic activity of human renin ($K_m = 1.5 \mu M$ at physiological pH). Cleavage of the FRET substrate occurs specifically at the Leu-Val bond.

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

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