

Product Data Sheet

Product Name: Ac-DL-Phe- β -naphthyl ester

Cat. No.: GA20510

Chemical Properties

Cas. No. 20874-31-1

Formula $C_{21}H_{19}NO_3$

M.Wt 333.39

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

DL-APNE (or NAPNE), a chromogenic substrate for chymotrypsin and microbial serine proteases, e.g. subtilisin. It is also hydrolyzed by cathepsin G. NAPNE was used by Yakoby and Raskin to determine the inhibitory activity of trypsin and chymotrypsin.

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

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