

Product Data Sheet

Product Name: Boc-Leu-Gly-Arg-AMC

Cat. No.: GA21044

Chemical Properties

Cas. No. 65147-09-3

Formula $C_{29}H_{43}N_7O_7$

M.Wt 601.7

Solubility DMSO : 100 mg/mL (166.20 mM; Need ultrasonic); H_2O : < 0.1 mg/mL (insoluble)

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

Boc-LGR-AMC, a specific fluorogenic substrate for complement component C3/C5 convertases, coagulation factor Xa, and soybean trypsin-like enzyme. It is also hydrolyzed by macropain, a high molecular weight thiol proteinase from human erythrocytes. Stock

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

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