
Product Data Sheet

Product Name: Boc-Arg-Val-Arg-Arg-AMC

Cat. No.: GA20901

Chemical Properties

Cas. No. 136132-77-9

Formula $C_{38}H_{62}N_{14}O_8$

M.Wt 843.01

Solubility H_2O : 100 mg/mL (113.71 mM; Need ultrasonic)

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 substrate Boc-RVRR-AMC is efficiently cleaved by furin, a mammalian homolog of the yeast Kex2 endoprotease (kcat/Km approx. $4 \cdot 10^3 M^{-1}s^{-1}$). As a calcium-dependent serine protease associated with Golgi membranes, furin is re

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

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