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## Product Data Sheet

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Product Name: Boc-Leu-Ser-Thr-Arg-AMC

Cat. No.: GA21052

### Chemical Properties

Cas. No. 73554-93-5

Formula  $C_{34}H_{52}N_8O_{10}$  M.Wt 732.83

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

Boc-LSTR-AMC is a good substrate for the activated protein C ( $K_m = 3.3 \cdot 10^{-6} M$ ,  $k_{cat} = 8.4 s^{-1}$ ). The fluorogenic substrate is often used for assaying the tryptic activity of the proteasome.

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

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