

Boc-Leu-Gly-Arg-AMC

Chemical Properties

CAS No.:	65147-09-3
Formula:	C ₂₉ H ₄₃ N ₇ O ₇
Molecular Weight:	601.69
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Boc-Leu-Gly-Arg-AMC is a fluorogenic AMC substrate of the convertases used in enzymatic assays.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.662 mL	8.31 mL	16.62 mL
5 mM	0.332 mL	1.662 mL	3.324 mL
10 mM	0.166 mL	0.831 mL	1.662 mL
50 mM	0.033 mL	0.166 mL	0.332 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Nakada T, et al. Evidence for processing enzymes in the abdominal gland of the newt, *Cynops pyrrhogaster*, that generate sodefrin from its biosynthetic precursor. *Zoolog Sci.* 2007 May;24(5):521-4.
2. Yumiko Obayashi, et al. Proteolytic enzymes in coastal surface seawater: Significant activity of endopeptidases and exopeptidases *Limnol. Oceanogr.*, 50(2), 2005, 722-726.

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