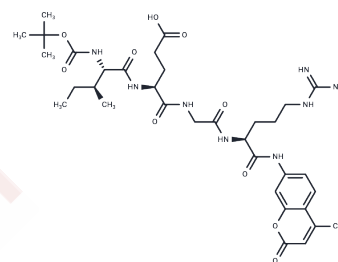


Boc-Ile-Glu-Gly-Arg-AMC

Chemical Properties

CAS No. :	65147-06-0
Formula:	C ₃₄ H ₅₀ N ₈ O ₁₀
Molecular Weight:	730.81
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Boc-Ile-Glu-Gly-Arg-AMC (IEGR-AMC) is a specific, highly fluorogenic substrate for clotting enzyme factor Xa (coagulation factor Xa) and is also hydrolyzed by acrosin from the ascidian <i>Halocynthia roretzi</i> .
Targets(IC50)	Factor Xa

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3683 mL	6.8417 mL	13.6834 mL
5 mM	0.2737 mL	1.3683 mL	2.7367 mL
10 mM	0.1368 mL	0.6842 mL	1.3683 mL
50 mM	0.0274 mL	0.1368 mL	0.2737 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Eich S, et al. Factor VIII determination in patient's plasma and concentrates: a novel test equally suited for both matrices. *Blood Coagul Fibrinolysis*. 2003 Jun;14(4):347-53.

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