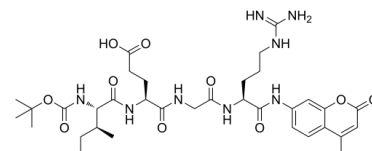


Data Sheet

Product Name:	Boc-Ile-Glu-Gly-Arg-AMC
Cat. No.:	CS-0106974
CAS No.:	65147-06-0
Molecular Formula:	C ₃₄ H ₅₀ N ₈ O ₁₀
Molecular Weight:	730.81
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Boc-Ile-Glu-Gly-Arg-AMC (IEGR-AMC) is an activated factor X (FXa) specific fluorogenic peptide substrate used for Factor VIII determination^[1].

References:

[1]. 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.

CAIndexNames:

L-Argininamide, N-[(1,1-dimethylethoxy)carbonyl]-L-isoleucyl-L-α-glutamylglycyl-N-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-

SMILES:

CC(C1=CC=C(NC([C@H](CCCNC(N)=N)NC(CNC([C@H](CCC(O)=O)NC([C@H]([C@@H](C)CC)NC(OC(C)(C)C)=O)=O)=O)=O)=O)C=C1O2)=CC2=O

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

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