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Product Datasheet

Z-Phe-Arg-AMC FBM-10-5385

Article Name	Z-Phe-Arg-AMC
Biozol Catalog Number	FBM-10-5385
Supplier Catalog Number	10-5385
Alternative Catalog Number	FBM-10-5385-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Fluorogenic cathepsin substrate...
Molecular Weight	619.14
Purity	>98% HPLC Amino acid analysis and identity: Confirmed, Peptide content 94%
Form	White solid
CAS Number	[70382-26-2]
Formula	C ₃₃ H ₃₆ N ₆ O ₆ HCl
Application Notes	Z-Phe-Arg-AMC (70382-26-2) is a fluorogenic substrate ¹ for the following cathepsins (kcat/Km in M ⁻¹ s ⁻¹): B (105) ² , C/DPP-I (104) ³ , F (106) ⁴ , K/O2 (105) ³ , L (106) ³ , L2/V (105) ⁵ , O6, S (104) ⁷ , X/Z (104) ⁸ . The peptide is also cleaved by plasma kallikrein and kallikrein 89, and papain (kcat/Km=105 M ⁻¹ s ⁻¹). ³ Excitation: 365nm, Emission: 440nm. ⁵