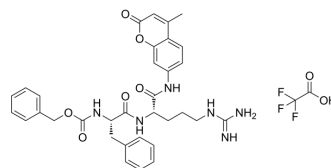


N-CBZ-Phe-Arg-AMC TFA

Cat. No.:	HY-P1759B
Molecular Formula:	C ₃₅ H ₃₇ F ₃ N ₆ O ₈
Molecular Weight:	726.7
Sequence Shortening:	CBZ-FR-AMC
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

N-CBZ-Phe-Arg-AMC (Z-FR-AMC) TFA is a cathepsin substrate used in assessment activity of lysosomal cathepsin enzymes^[1] [2].

REFERENCES

- [1]. Xu P, et al. Ascorbic acid modulation of iron homeostasis and lysosomal function in trabecular meshwork cells. *J Ocul Pharmacol Ther.* 2014 Mar-Apr;30(2-3):246-53.
- [2]. Porter K, et al. Lysosomal basification and decreased autophagic flux in oxidatively stressed trabecular meshwork cells: implications for glaucoma pathogenesis. *Autophagy.* 2013 Apr;9(4):581-94.

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

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