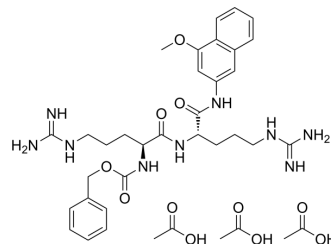


Z-Arg-Arg-4MβNA triacetate

Cat. No.:	HY-D1523
CAS No.:	100900-19-4
Molecular Formula:	C ₃₇ H ₅₃ N ₉ O ₁₁
Molecular Weight:	799.87
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Z-Arg-Arg-4MβNA triacetate is a cathepsin B-specific substrate and can produce fluorescent end product 4MβNA ($\lambda_{ex} = 355$ nm, $\lambda_{em} = 430$ nm) ^{[1][2]} .
IC₅₀ & Target	Cathepsin B

REFERENCES

- [1]. Büth H, et al. HaCaT keratinocytes secrete lysosomal cysteine proteinases during migration. *Eur J Cell Biol.* 2004 Dec;83(11-12):781-95.
- [2]. van den Bos T, et al. Differences in matrix composition between calvaria and long bone in mice suggest differences in biomechanical properties and resorption: Special emphasis on collagen. *Bone.* 2008 Sep;43(3):459-68.

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

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