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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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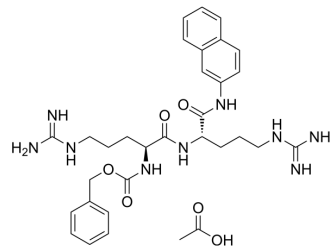
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Z-Arg-Arg-βNA acetate

Cat. No.:	HY-158307
CAS No.:	2237216-27-0
Molecular Formula:	C ₃₂ H ₄₃ N ₉ O ₆
Molecular Weight:	649.74
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)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (192.38 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5391 mL	7.6954 mL	15.3908 mL
	5 mM	0.3078 mL	1.5391 mL	3.0782 mL
	10 mM	0.1539 mL	0.7695 mL	1.5391 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Z-Arg-Arg-βNA acetate is a sensitive dipeptide substrate of the protease Cathepsin B and resistant to proteases H and L. Z-Arg-Arg-βNA acetate can serve as an important tool for distinguishing non-Cathepsin B type proteins^[1].

IC₅₀ & Target

Cathepsin B^[1]

REFERENCES

[1]. Kesik M, Jedlina-Panasiuk L, Kozak-Cieszczyk M, Płucienniczak A, Wedrychowicz H. Enteral vaccination of rats against *Fasciola hepatica* using recombinant cysteine proteinase (cathepsin L1). *Vaccine*. 2007 May 4;25(18):3619-28.

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

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