



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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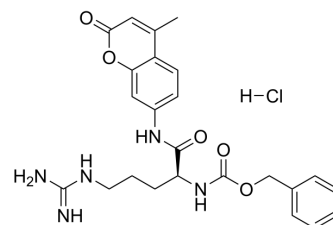
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Z-Arg-AMC hydrochloride

Cat. No.:	HY-134435
CAS No.:	70375-22-3
Molecular Formula:	C ₂₄ H ₂₈ ClN ₅ O ₅
Molecular Weight:	501.96
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1 mg/mL (1.99 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9922 mL	9.9610 mL	19.9219 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Z-Arg-AMC hydrochloride is a fluorogenic substrate for trypsin and papain. Z-Arg-AMC hydrochloride can be used to research activity of trypsin (Ex/Em=355/460 nm)^{[1][2]}.

REFERENCES

- [1]. Paczek L, et al. Trypsin, elastase, plasmin and MMP-9 activity in the serum during the human ageing process. *Age Ageing*. 2008 May;37(3):318-23.
- [2]. Brown A, et al. Necator americanus (human hookworm) aspartyl proteinases and digestion of skin macromolecules during skin penetration. *Am J Trop Med Hyg*. 1999 May;60(5):840-7.

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

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