



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

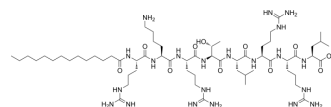
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

N-myristoyl-RKRTLRL

Cat. No.:	HY-P5988
CAS No.:	152246-40-7
Molecular Formula:	C ₆₀ H ₁₁₇ N ₂₁ O ₁₁
Molecular Weight:	1308.71
Sequence:	{Myr}-Arg-Lys-Arg-Thr-Leu-Arg-Arg-Leu
Sequence Shortening:	{Myr}-RKRTLRL
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
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 : 50 mg/mL (38.21 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.7641 mL	3.8206 mL	7.6411 mL
	5 mM		0.1528 mL	0.7641 mL	1.5282 mL
	10 mM		0.0764 mL	0.3821 mL	0.7641 mL

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

BIOLOGICAL ACTIVITY

Description

N-myristoyl-RKRTLRL inhibits binding of PKC substrates. N-myristoyl-RKRTLRL inhibits Ca²⁺- and phosphatidylserine (PS)-dependent histone phosphorylation with IC₅₀ of 5 μM. histone phosphorylation with IC₅₀ of 80 μM^{[1][2]}.

REFERENCES

[1]. David K Crockett, et al. Identification of proteins from formalin-fixed paraffin-embedded cells by LC-MS/MS. Lab Invest. 2005 Nov;85(11):1405-15.

[2]. C A O'Brian, et al. A novel N-myristylated synthetic octapeptide inhibits protein kinase C activity and partially reverses murine fibrosarcoma cell resistance to Adriamycin. Invest New Drugs. 1991 May;9(2):169-79.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA