



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) 

WLSEAGPVVTVRALRGTGSW

Cat. No.: HY-P3436
CAS No.: 771479-86-8
Molecular Formula: C₉₇H₁₅₂N₂₈O₂₇
Molecular Weight: 2142.42
Sequence Shortening: WLSEAGPVVTVRALRGTGSW
Target: Apoptosis
Pathway: Apoptosis
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year

WLSEAGPVVTVRALRGTGSW

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

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (46.68 mM); ultrasonic and warming and heat to 60°C)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|-----------|-----------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 0.4668 mL | 2.3338 mL | 4.6676 mL |
| | 5 mM | 0.0934 mL | 0.4668 mL | 0.9335 mL |
| | 10 mM | 0.0467 mL | 0.2334 mL | 0.4668 mL |

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

BIOLOGICAL ACTIVITY

Description

WLSEAGPVVTVRALRGTGSW is a cardiomyocyte specific peptide. WLSEAGPVVTVRALRGTGSW-expressing exosomes can improve specific uptake by cardiomyocytes, decrease cardiomyocyte apoptosis, and enhance cardiac retention following intramyocardial injection in vivo^{[1][2]}.

REFERENCES

[1]. McGuire MJ, et, al. In vitro selection of a peptide with high selectivity for cardiomyocytes in vivo. J Mol Biol. 2004 Sep 3;342(1):171-82.

[2]. Mentkowski KI, et, al. Exosomes Engineered to Express a Cardiomyocyte Binding Peptide Demonstrate Improved Cardiac Retention in Vivo. Sci Rep. 2019 Jul 11;9(1):10041.

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