



# 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

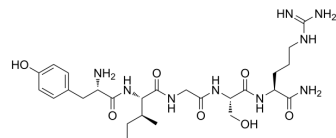
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub>

Cat. No.:	HY-P4651
CAS No.:	110590-65-3
Molecular Formula:	C <sub>26</sub> H <sub>43</sub> N <sub>9</sub> O <sub>7</sub>
Molecular Weight:	593.68
Sequence:	H-Tyr-Ile-Gly-Ser-Arg-NH <sub>2</sub>
Sequence Shortening:	YIGSR-NH <sub>2</sub>
Target:	Others
Pathway:	Others
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 (210.55 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6844 mL	8.4220 mL	16.8441 mL
	5 mM	0.3369 mL	1.6844 mL	3.3688 mL
	10 mM	0.1684 mL	0.8422 mL	1.6844 mL

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

### BIOLOGICAL ACTIVITY

#### Description

H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub> is a hexapeptide that is an essential fragment of laminin responsible for efficient cell adhesion and receptor binding. H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub> promotes various epithelial cell adhesion activities<sup>[1]</sup>.

### REFERENCES

[1]. Graf J, et al. A pentapeptide from the laminin B1 chain mediates cell adhesion and binds the 67,000 laminin receptor. *Biochemistry*. 1987 Nov 3;26(22):6896-900.

---

**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](mailto:tech@MedChemExpress.com)

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