



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

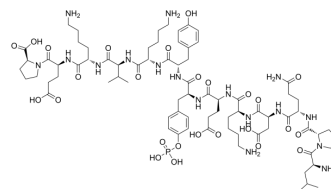
mail@szabo-scandic.com

www.szabo-scandic.com

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

pJAK2(1001-1013)

Cat. No.:	HY-P10373
CAS No.:	1259928-08-9
Molecular Formula:	C ₇₆ H ₁₁₈ N ₁₇ O ₂₆ P
Molecular Weight:	1716.82
Sequence:	Leu-Pro-Gln-Asp-Lys-Glu-[pTyr]-Tyr-Lys-Val-Lys-Glu-Pro
Sequence Shortening:	LPQDKE-[pTyr]-YKVKEP
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
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 : 1.89 mg/mL (1.10 mM; ultrasonic and adjust pH to 2 with 1 M HCL)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.5825 mL	2.9124 mL	5.8247 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

pJAK2(1001-1013) is a SOCS1/3 antagonist. pJAK2(1001-1013) plays a positive role in antiviral immune response by inhibiting the negative regulatory effect of SOCS proteins and enhancing the JAK/STAT signaling pathway^[1]

REFERENCES

[1]. Ahmed C M, et al. A SOCS1/3 antagonist peptide protects mice against lethal infection with influenza A virus[J]. *Frontiers in immunology*, 2015, 6: 574.

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