



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

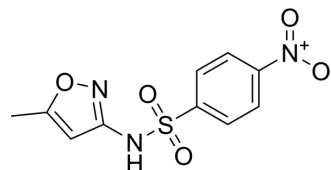
mail@szabo-scandic.com

www.szabo-scandic.com

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

Sulfamethoxazole-NO

Cat. No.: HY-W587780
CAS No.: 29699-89-6
Molecular Formula: C₁₀H₉N₃O₅S
Molecular Weight: 283.26
Target: Biochemical Assay Reagents
Pathway: Others
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (353.03 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.5303 mL	17.6516 mL	35.3033 mL
	5 mM		0.7061 mL	3.5303 mL	7.0607 mL
	10 mM		0.3530 mL	1.7652 mL	3.5303 mL

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

BIOLOGICAL ACTIVITY

Description

Sulfamethoxazole-NO (SMX-NO) is the major immunogen in sulfonamide allergy, producing modest ascorbic acid depletion and hemoglobin adduct formation. Sulfamethoxazole-NO haptens tissue proteins and is immunogenic in rodents^[1].

REFERENCES

[1]. Lavergne S N, et al. Evaluation of the clinical, immunologic, and biochemical effects of nitroso sulfamethoxazole administration to dogs: a pilot study[J]. Toxicology, 2005, 208(1): 63-72.

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