



# 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

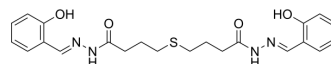
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Nrf2-IN-3

Cat. No.:	HY-149508		
CAS No.:	6325-13-9		
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4</sub> S		
Molecular Weight:	442.53		
Target:	Keap1-Nrf2		
Pathway:	NF-κB		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 116.67 mg/mL (263.64 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2597 mL	11.2987 mL	22.5973 mL
	5 mM	0.4519 mL	2.2597 mL	4.5195 mL
	10 mM	0.2260 mL	1.1299 mL	2.2597 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Nrf2-IN-3 (Compound R16) is a Nrf2 inhibitor. Nrf2-IN-3 binds KEAP1 mutants (G333C mKEAP1) and repairs the disrupted KEAP1/NRF2 interactions. Nrf2-IN-3 sensitizes KEAP1-mutated cancer cells to Cisplatin (HY-17394) and Gefitinib (HY-50895) by repairing the mKEAP1/NRF2 complex<sup>[1]</sup>.

### REFERENCES

[1]. Aboulkassim T, et al. A NRF2 inhibitor selectively sensitizes KEAP1 mutant tumor cells to cisplatin and gefitinib by restoring NRF2-inhibitory function of KEAP1 mutants. Cell Rep. 2023 Sep 12;42(9):113104.

**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