



# 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

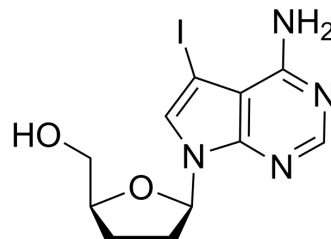
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## 7-Iodo-2',3'-dideoxy-7-deazaadenosine

<b>Cat. No.:</b>	HY-W048480
<b>CAS No.:</b>	114748-70-8
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>13</sub> IN <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	360.15
<b>Target:</b>	Nucleoside Antimetabolite/Analog; DNA/RNA Synthesis
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 125 mg/mL (347.08 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	2.7766 mL	13.8831 mL	27.7662 mL
		5 mM	0.5553 mL	2.7766 mL	5.5532 mL
10 mM	0.2777 mL	1.3883 mL	2.7766 mL		
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.78 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.78 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.78 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	7-Iodo-2',3'-dideoxy-7-deazaadenosine is a dideoxynucleoside that can be used in DNA synthesis and sequencing reactions [1].
--------------------	--

### REFERENCES

[1]. Gene Shen, et al. Thiotriphosphate nucleotide dye terminators for use in nucleic acid sequencing. US20060281100A1.

---

**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