



# 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

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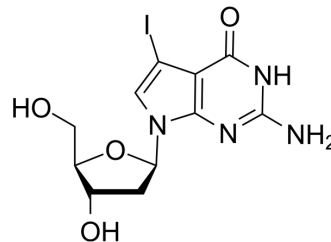
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## 7-Iodo-7-deaza-2'-deoxyguanosine

Cat. No.:	HY-W048492
CAS No.:	172163-62-1
Molecular Formula:	C <sub>11</sub> H <sub>13</sub> IN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	392.15
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (318.76 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5500 mL	12.7502 mL	25.5004 mL
	5 mM	0.5100 mL	2.5500 mL	5.1001 mL
	10 mM	0.2550 mL	1.2750 mL	2.5500 mL

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

### BIOLOGICAL ACTIVITY

#### Description

7-Iodo-7-deaza-2'-deoxyguanosine (7-Deaza-7-Iodo-2'-deoxyguanosine) is a deoxyguanosine derivative that can be used in DNA synthesis and sequencing reactions<sup>[1]</sup>.

### REFERENCES

[1]. Ronald Graham, et al. Nucleotide cleavable linkers and uses thereof. WO2020146397A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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