



SZABO SCANDIC

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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

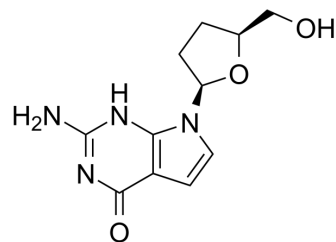
mail@szabo-scandic.com

www.szabo-scandic.com

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

7-Deaza-2',3'-dideoxyguanosine

Cat. No.:	HY-138592
CAS No.:	111869-49-9
Molecular Formula:	C ₁₁ H ₁₄ N ₄ O ₃
Molecular Weight:	250.25
Target:	HIV
Pathway:	Anti-infection
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 (499.50 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.9960 mL	19.9800 mL	39.9600 mL
	5 mM	0.7992 mL	3.9960 mL	7.9920 mL
	10 mM	0.3996 mL	1.9980 mL	3.9960 mL

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

BIOLOGICAL ACTIVITY

Description

7-Deaza-2',3'-dideoxyguanosine (7-Deaza-ddG) is a 2',3'-dideoxynucleoside 5'-triphosphate, which can inhibit HIV-1 reverse transcriptase with a K_i of 25 nM^[1].

IC₅₀ & Target

HIV-1

REFERENCES

[1]. Nicholas A Boyle, et al. Synthesis of 2',3'-dideoxynucleoside 5'-alpha-P-borano-beta,gamma-(difluoromethylene)triphosphates and their inhibition of HIV-1 reverse transcriptase. J Med Chem. 2005 Apr 7;48(7):2695-700.

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