



# 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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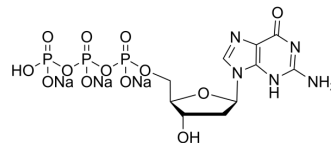
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## Deoxyguanosine triphosphate trisodium salt

Cat. No.:	HY-W008661
CAS No.:	93919-41-6
Molecular Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub>
Molecular Weight:	573.13
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Solution, -20°C, 2 years



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 66.67 mg/mL (116.33 mM; Need ultrasonic) DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (174.48 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

Description	Deoxyguanosine triphosphate (dGTP) trisodium salt is a nucleotide precursor in cells for DNA synthesis. Deoxyguanosine triphosphate trisodium salt is used in reverse transcription-polymerase chain reaction (RT-PCR) for DNA amplification <sup>[1]</sup> .
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### REFERENCES

[1]. Marco Gatti, et al. The Ubiquitin Ligase TRIP12 Limits PARP1 Trapping and Constrains PARP Inhibitor Efficiency. Cell Rep. 2020 Aug 4;32(5):107985.

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

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