



# 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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## Datasheet

### GTP sodium solution

**Catalog Number:** U0509

**Regulation Status:** For research use only (RUO)

**Product Description:** GTP is

Guanosine-5'-triphosphate, which is an extremely stable nucleotide. This compound and its sodium salt are essential components of energy conversion in biological systems and can be used in various related applications in molecular biology, such as in vitro transcription, RNA amplification, siRNA synthesis, etc. In addition, GTP plays an important role in signal transduction as a phosphate or pyrophosphate messenger: GTP activates G proteins, which in turn induce multiple protein kinase-mediated cascades that lead to various cellular behavior, such as cell proliferation, differentiation, etc. In addition, GTP can also be used as a high-energy precursor of mononucleotides to participate in the enzymatic synthesis of DNA and RNA.

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Concentration:** 100 mM

**Recommend Usage:** In Vitro Transcription

The optimal working dilution should be determined by the end user.

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.