



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## 2'(3')-O-(6-Aminohexylcarbamoyl)guanosine-5'-O-triphosphate (sodium salt)

Item No. 38659

**Formal Name:** guanosine 5'-(tetrahydrogen triphosphate), 2'(or 3')-[N-(6-aminohexyl)carbamate], tetrasodium salt

**Synonym:** 2'(3')-AHC-GTP

**MF:** C<sub>17</sub>H<sub>26</sub>N<sub>7</sub>O<sub>15</sub>P<sub>3</sub> • 4Na

**FW:** 753.3

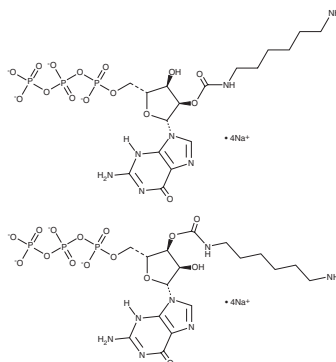
**Purity:** ≥95% (mixture of isomers)

**Supplied as:** A solution in water

**Storage:** -80°C

**Stability:** ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.



### Description

2'(3')-O-(6-Aminohexylcarbamoyl)guanosine-5'-O-triphosphate (2'(3')-AHC-GTP) is a mixture of the energy substrate for protein synthesis and gluconeogenesis guanosine 5'-triphosphate (GTP; Item No. 16060) derivatives 2'-AHC-GTP and 3'-AHC-GTP. 2'(3')-AHC-GTP has been used in the synthesis of europium (III) chelates for use in quenching resonance energy transfer (QRET) assays in the study of GTPase nucleotide exchange kinetics.<sup>1</sup>

### Reference

1. Kopra, K., Ligabue, A., Wang, Q., *et al.* A homogeneous quenching resonance energy transfer assay for the kinetic analysis of the GTPase nucleotide exchange reaction. *Anal. Bioanal. Chem.* **406(17)**, 4147-4156 (2014).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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