



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## 3'-O-Anthraniloyl-2'-deoxyguanosine-5'-O-triphosphate (sodium salt)

Item No. 38547

**Formal Name:** 2'-deoxy-guanosine 5'-(tetrahydrogen triphosphate), 3'-(2-aminobenzoate), tetrasodium salt

**Synonym:** ANT-dGTP

**MF:** C<sub>17</sub>H<sub>17</sub>N<sub>6</sub>O<sub>14</sub>P<sub>3</sub> • 4Na

**FW:** 714.2

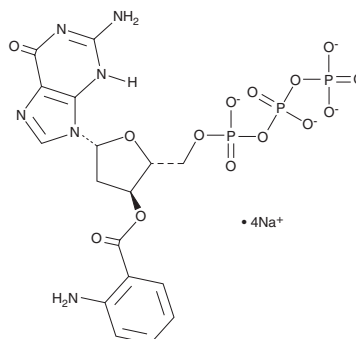
**Purity:** ≥95%

**Ex./Em. Max:** 330/450 nm

**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

3'-O-Anthraniloyl-2'-deoxyguanosine-5'-O-triphosphate (ANT-dGTP) is a fluorescent nucleotide derivative.<sup>1</sup> It has been used to probe inhibitor and activator binding sites on UMP kinase isolated from *B. subtilis*. ANT-dGTP displays excitation/emission maxima at 330/450 nm, respectively.

### Reference

1. Gagyí, C., Bucurenci, N., Sirbu, O., et al. UMP kinase from the Gram-positive bacterium *Bacillus subtilis* is strongly dependent on GTP for optimal activity. *Eur. J. Biochem.* **270**(15), 3196-3204 (2003).

#### 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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