



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## 2',3'-O-(Bis-[5-bromoanthraniloyl])adenosine-5'-O-triphosphate (sodium salt) Item No. 38443

**Formal Name:** ((2R,3R,4R,5R)-3,4-bis((2-amino-5-bromobenzoyl)oxy)-5-(6-amino-9H-purin-9-yl)tetrahydrofuran-2-yl)methyl triphosphate, tetrasodium salt

**Synonym:** Bis-bromo ANT-ATP

**MF:** C<sub>24</sub>H<sub>20</sub>Br<sub>2</sub>N<sub>7</sub>O<sub>15</sub>P<sub>3</sub> • 4Na

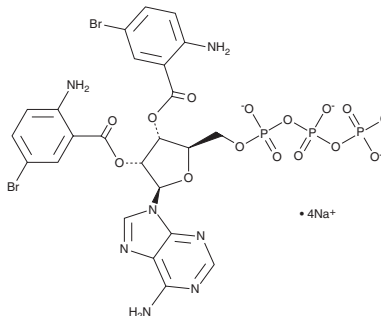
**FW:** 991.1

**Purity:** ≥95%

**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-(Bis-[5-bromoanthraniloyl])adenosine-5'-O-triphosphate is a fluorescent derivative of adenosine-5'-triphosphate (ATP; Item No. 14498).<sup>1</sup> It selectively inhibits *B. pertussis* adenylyl cyclase (AC) toxin CyaA over mammalian AC1, AC2, and AC5 (K<sub>i</sub>s = 12.6, 671, 1,100, and 900 nM, respectively).

### Reference

1. Geduhn, J., Dove, S., Shen, Y., *et al.* Bis-halogen-anthraniloyl-substituted nucleoside 5'-triphosphates as potent and selective inhibitors of *Bordetella pertussis* adenylyl cyclase toxin. *J. Pharmacol. Exp. Ther.* **336**(1), 104-115 (2011).

#### 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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