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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION

2'(3')-O-(5-Bromoanthraniloyl)adenosine-5'-O-triphosphate (sodium salt) Item No. 38445

Formal Name: 2'(or 3')-(2-amino-5-bromobenzoate) adenosine 5'-(tetrahydrogen triphosphate), tetrasodium salt

Synonym: 2'(3')-bromo ANT-ATP

MF: C₁₇H₁₆BrN₆O₁₄P₃ • 4Na

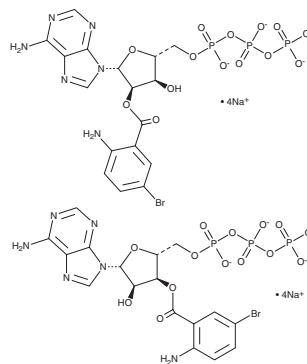
FW: 793.1

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'-O-(5-Bromoanthraniloyl)adenosine-5'-O-triphosphate (2'-bromo ANT-ATP) and 3'-bromo ANT-ATP are fluorescent ATP derivatives, which undergo spontaneous isomerization.¹ 2'(3')-bromo ANT-ATP inhibits mammalian adenylyl cyclase 1 (AC1), AC2, and AC5 and *B. pertussis* AC toxin CyaA (K_is = 120, 450, 70, and 330 nM, respectively).

Reference

- 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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