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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



2'(3')-O-(N-Methylanthraniloyl)adenosine-5'-O-triphosphate (sodium salt)

Item No. 38467

Formal Name: 2'(or 3')-[2-(methylamino)benzoate] adenosine 5'-(tetrahydrogen triphosphate), tetrasodium salt

Synonym: 2'(3')-MANT-ATP

MF: C₁₈H₁₉N₆O₁₄P₃ • 4Na

FW: 728.3

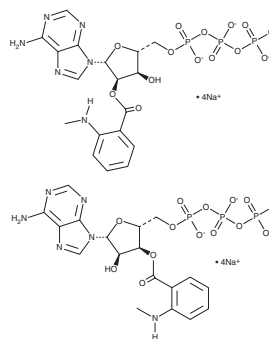
Purity: ≥95% (mixture of isomers)

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'-O-(N-Methylanthraniloyl)adenosine-5'-O-triphosphate (2'-MANT-ATP) and 3'-MANT-ATP are fluorescent ATP derivatives, which undergo spontaneous isomerization.¹ 2'(3')-MANT-ATP selectively inhibits mammalian adenylyl cyclase (AC1), AC2, and AC5 over *B. pertussis* AC toxin CyaA (K_is = 150, 330, 100, and 4,300 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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