

Product Datasheet

2'(3')-O-Anthraniloyladenosine-5'-O-triphosphate sodium (orb2276823)

Catalog Number	orb2276823
Category	Small Molecules
Description	2'(3')-O-Anthraniloyladenosine-5'-O-triphosphate (2'-ANT-ATP) is a fluorescent ATP analog emitting at 428 nm. It serves as a potent inhibitor for studying various adenylyl cyclases (AC1, AC2, AC5) and bacterial AC toxins like CyaA and edema factor, as well as E. coli RecA, in mechanistic enzymology assays.
Target	Others
MW	714.23
Formula	C ₁₇ H ₁₇ N ₆ O ₁₄ P ₃ .4Na
SMILES	<chem>O[C@@H]1[C@@H](COP(OP(OP([O-])([O-])=O)([O-])=O)([O-])=O)O[C@@H](N2C3=NC=NC(N)=C3N=C2)[C@@H]1OC(C4=C(N)C=CC=C4)=O.O[C@@H]5[C@H](OC(C6=C(N)C=CC=C6)=O)[C@@H](COP(OP(OP([O-])([O-])=O)([O-])=O)([O-])=O)O[C@H]5N7C8=NC=NC(N)=C8N=C7.[Na+].[Na+].[Na+].[Na+].[Na+].[Na+].[Na+].[Na+]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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