

Catalog Number A1048
Product Name adenosine 5'-triphosphate, P^3 -(1-(2-nitrophenyl)ethyl) ester, disodium salt (NPE-caged ATP)
CAS Number / Name 171800-68-3 / Adenosine, 5'-(tetrahydrogen triphosphate), P'' -(1-(2-nitrophenyl)ethyl) ester, disodium salt
Molecular Formula $C_{18}H_{21}N_6Na_2O_{15}P_3$
Molecular Weight 700.3
Appearance white solid
Lot Number 1987232

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	259 nm 19100 cm ⁻¹ M ⁻¹	259 ± 3 nm 18500 ± 1200 cm ⁻¹ M ⁻¹
HPLC Purity	99 % at 254 nm	≥ 90 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1779974	n.a.

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager

23-Mar-2016

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.