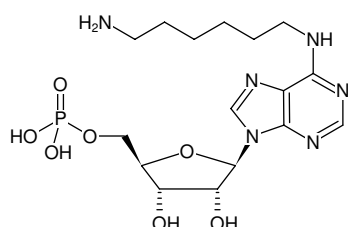




N⁶-(6-Aminoheptyl)-AMP

N⁶-(6-Aminoheptyl)-adenosine-5'-monophosphate, Sodium salt

Cat. No.	Amount
NU-858-1	1 mg
NU-858-5	5 mg



Structural formula of N⁶-(6-Aminoheptyl)-AMP

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery

Molecular Formula: C₁₆H₂₇N₆O₇P (free acid)

Molecular Weight: 446.40 g/mol (free acid)

Exact Mass: 446.17 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solid

Color: white to off-white

Spectroscopic Properties: λ_{max} 266 nm, ε 16.2 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Applications:

5'-labeling of RNA by in vitro transcription^[1]

Selected References:

[1] Huang *et al.* (2003) Synthesis of adenosine derivatives as transcription initiators and preparation of 5' fluorescein- and biotin-labeled RNA through one-step in vitro transcription. *RNA* **9** (12):1562.