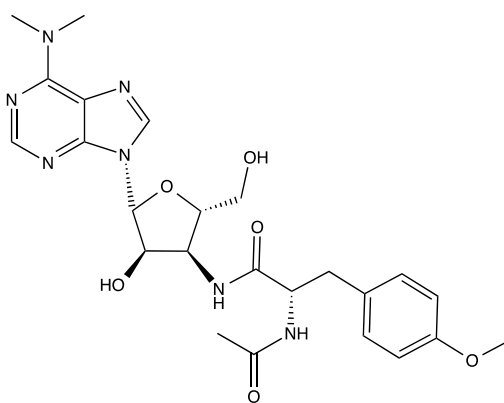


**Catalog # 10-1591**  
**N-Acetyl Puromycin**

CAS# 22852-13-7

3'-[[[(2S)-2-(Acetylamino)-3-(4-methoxyphenyl)-1-oxopropyl]amino]-3'-deoxy-N,N-dimethyladenosine

Lot # S103059



Down regulates SnoN and Ski protein expression. Induces TGF- $\beta$  signaling, independently of MAPK activation. Does not bind ribosomes or block protein synthesis.

- 1) Hernandez-Damian *et al.* (2013), *Downregulation of SnoN oncoprotein induced by antibiotics anisomycin and puromycin positively regulates transforming growth factor- $\beta$  signals*; *Biochim. Biophys. Acta*, **1830** 5049

**PHYSICAL DATA**

Molecular Weight: 513.55  
Molecular Formula: C<sub>24</sub>H<sub>31</sub>N<sub>7</sub>O<sub>6</sub>  
Purity: 98% by TLC  
NMR: (Conforms)  
Solubility: DMSO (up to 70 mg/ml) or DMF (up to 55 mg/ml)  
Physical Description: White solid  
Storage and Stability: Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or DMF may be stored at -20°C for up to 2 months.

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