

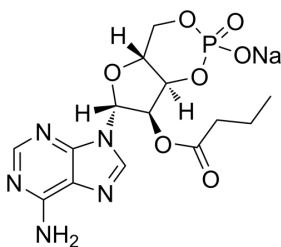
## 2'-O-MB-cAMP (sodium)

Cat. No.: HY-131763  
 CAS No.: 55443-13-5  
 Batch No.: 247954  
 Chemical Name: Adenosine, cyclic 3',5'-(hydrogen phosphate) 2'-butanoate, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{17}N_5NaO_7P$   
 Molecular Weight: 421.28  
 Storage: -20°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (HPLC): 99.94%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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