

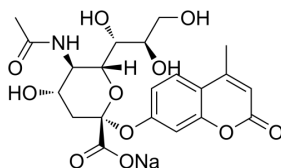
## 4-MUNANA

Cat. No.: HY-W019823  
CAS No.: 76204-02-9  
Batch No.: 259053  
Chemical Name:  $\alpha$ -Neuraminic acid, 4-methyl-2-oxo-2H-1-benzopyran-7-yl 5-(acetylamino)-3,5-dideoxy-, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{24}NNaO_{11}$   
Molecular Weight: 489.41  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 95.49%  
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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