

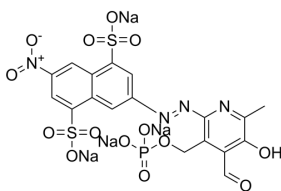
## PPNDS (tetrasodium)

Cat. No.: HY-108675  
 CAS No.: 1021868-77-8  
 Batch No.: 286345  
 Chemical Name: 1,5-Naphthalenedisulfonic acid, 3-[2-[4-formyl-5-hydroxy-6-methyl-3-[(phosphonoxy)methyl]-2-pyridinyl]diazonyl]-7-nitro-, sodium salt (1:4)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{11}N_4Na_4O_{14}PS_2$   
 Molecular Weight: 694.36  
 Storage: -20°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to reddish brown (Solid)  
 MS: Consistent with structure  
 Purity (HPLC): 96.39%  
 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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