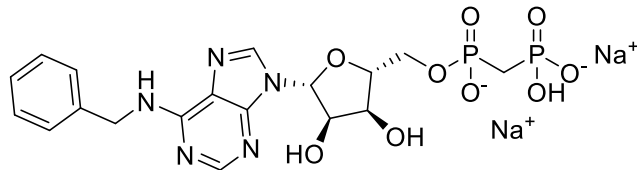


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
526930	PSB-12379 disodium	T8C01S11

Chemical name	
sodium hydrogen (((((2R,3S,4R,5R)-5-(6-(benzylamino)-9H-purin-9-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methoxy)oxidophosphoryl)methyl)phosphonate	
Synonyms	
PSB-12379; PSB 12379; PSB12379; PSB-12379 disodium; N6-Benzyl- α,β -methyleneadenosine 5'-diphosphate disodium salt.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 526930 Name: PSB-12379 disodium CAS#: 1802226-78-3 (free acid) Lot# T8C01S11 Chemical Formula: C ₁₈ H ₂₁ N ₅ Na ₂ O ₉ P ₂ Molecular Weight: 559.31

Analysis item	Specifications / Results
Appearance	Colorless liquid (water solution)
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in water (supplied pre-dissolved in water at a concentration of 10 nM.)
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE