

Product Name	: Sulbactam Sodium
Synonyms	: Cytidine-5'-diphosphate, 5'-CDP
Cat No.	: M22754
CAS Number	: 63-38-7
Molecular Formula	: C ₉ H ₁₅ N ₃ O ₁₁ P ₂
Formula Weight	: 403.18
Chemical Name	: —
Description	: Sulbactam Sodium is synthesized from cytidine monophosphate (CMP) or uridine monophosphate (UMP) by the transfer of phosphoryl group, catalyzed by the enzyme uridylate kinase (UMPK)
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: <chem>Nc1ccn([C@@H]2O[C@H](COP(O)(=O)OP(O)(O)=O)[C@@H](O)[C@H]2O)c(=O)n1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Lawrence C C, Bennati M, Obias H V. High-field EPR detection of a disulfide radical anion in the reduction of cytidine 5'-diphosphate by the E441Q R1 mutant of Escherichia coli ribonucleotide reductase[J]. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96(16):8979-8984.