

Product Datasheet

D-Ribose 5-phosphate disodium dihydrate (orb2281225)

Description	D-Ribose 5-phosphate disodium dihydrate is a key intermediate in the oxidative branch and an end product in the nonoxidative branch of the pentose phosphate pathway (PPP), playing a crucial role in the synthesis of nucleotides and nucleic acids [1].
Storage	-20°C
Note	For research use only
Formula	$C_5H_{13}Na_2O_{10}P$
Purity	99.00%
MW	310.1
CAS Number	207671-46-3
SMILES	<chem>O=P([O-])([O-])OC[C@H](O)[C@@H](O)[C@@H](O)C=O.[Na+].O.[Na+].O</chem>
Expiration Date	12 months from date of receipt.

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