

Product Name: NADPH tetrasodium salt hydrate, 96%, extra pure, Thermo Scientific Chemicals

Catalog Number: 328740010

CAS Number: 2646-71-1

IUPAC Name: tetrasodium
um
[(2R,3R,4R,5R)-5-(6-amino-9H-purin-9-yl)-3-hydroxy-4-(phosphonatooxy)oxolan-2-yl]methyl
{[(2R,3S,4R,5R)-5-(3-carbamoyl-1,4-dihydropyridin-1-yl)-3,4-dihydroxyoxolan-2-yl]methyl
phosphonato}oxyphosphonate

Molecular Formula: C₂₁H₂₆N₇Na₄O₁₇P₃

Molecular Weight: 833.35

MDL Number: MFCD10567216

InChI Key: WYWWWVJHQDVCHKF-NRTBITFTNA-J

SMILES: [Na+].[Na+].[Na+].[Na+].NC(=O)C1=CN(C=CC1)[C@@H]1O[C@H](COP([O-])(=O)OP([O-])(=O)OC[C@H]2O[C@H]([C@H]([C@H](OP([O-])([O-])=O)[C@@H]2O)N2C=NC3=C(N)N=CN=C23)[C@@H](O)[C@H]1O

Synonym: tetrasodium
[(2R,3R,4R,5R)-5-(6-aminopurin-9-yl)-3-hydroxy-4-(phosphonatooxy)oxolan-2-yl]methyl
{[(2R,3S,4R,5R)-5-(3-carbamoyl-4H-pyridin-1-yl)-3,4-dihydroxyoxolan-2-yl]methyl
phosphonato}oxyphosphonate

Product Specification

Appearance (Color): White to light yellow

Appearance (Form): Powder

Infrared spectrum: Conforms

HPLC: >=95 %

Sodium (Na): 10 to 12 %

Water: =<8 % (K.F.)

Date Of Print: 10/05/2024

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.