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Dibasic sodium phosphate

KindProteinOrganismHumansPharmacological ActionNoGeneral FunctionSodium:Phosphate FunctionMay symporter activity is actively involved in transporting phosphates into cells via Na (+) cotransport in the membrane of the berus border of the kidneys. Maybe mediates 20-30% of the slick entry. Gene NameSLC34A3Uniprot IDQ8N130Uniprot NameSodium-dependent on the protein transporting phosphate 2CMolecular Berat63548.94 DaKirchheiner J, Meineke I, Muller G, Root I, Brockmoller J: Donation of CYP2D6, CYP2C9 and CYP2C19 to biotransformation E- and Z-doxepin in healthy volunteers. Pharmacogenetics. 2002 Oct;12(7):571-80. [PubMed:12360109] M. Wt 141.96 Formula Na2HPO4 Storage Stor in RT Purity ≥99% Cas Nombor 7558-79-4 PubChem ID 24203 Main InCh BNILDVGGAEEIG-UHFFFAOYSA-L Smiling [Na][PH](O)(O)[O][Na] Technical data provided above is for guidance only. For group-specific data refer to the Certificate of Analysis. Tocris products are intended for the purposes of course of course research, but otherwise stated. Solvent Max Conc. mg/mL Max Conc. mM Water Solubility 42.59 300 The following data is based on the molecular weight of the product 141.96. Certain molecular weight groups may be different from group to group due to the level of hydrate, which will limit the number of solvents needed to provide stock solutions. Density / Number of Solvents / Jisim 1 mg 5 mg 10 mg 3 mM 2.35 mL 11.74 mL 23.48 mL 15 mM 0.47 mL 2.35 mL 4.7 mL 30 mM 0.23 mL 1.17 mL 2.35 mL 150 mM 0.05 mL 0.23 mL 0.47 mL Certificate of Analysis / Reference Datasheet Product is a publication that supports product biological activities. If you know of any relevant references to Sodium phosphate, please let us know. Feeder, Solvent and Keyword Completion: Dibasic Phosphate Sodium, a supplier of toxic phosphate Sodium, Sodium, Phosphate, Dibasic, Feeder, Feeder, Solvent, and, Solution. 3153, Tocris Bioscience Citations is a publication that uses Tocris products. At this time there are no passages for sodium phosphate. Do you know a great paper that uses dibasic sodium phosphate from Tocris? Please let us know. \$50 /€35/£30/\$50CAN¥300 Yuan¥5000 Yen for first to review with an image of \$25/€18/£15/\$25CAN¥75 Yuan¥1 2 50 Yen for review with an image of \$10/€7/\$6/¥10 CAD/¥70 Yuan¥1110 Yen for an immeager review of Hantar Reviews Tocris offers the following scientific literature in the region to show our products. We're picking you up to request * your copy today! *Please take the attention that Tocris will only send sastera to a stable business address / scientific institute. Our new product guide features more than 215 new products added to Tocris Biosciences range in the first half of 2019. 7-TM Receptors Enzymes Enzymes Enzymes-Linked Receptors Ion Channels Receptors Nuclear Carriers Chemogenetics Epigenetics Fluorescent Pengimejan PROTACS Cell Cues PDF Demand Transduction See all Product Guides & Listings From Wikidata Jump to Jump Navigation sodium phosphate dibasicdisodium hydrogenphosphateDibasic sodium phospticanhydrousDibasic sodium phosphate, anhydrousDisodium acid phosphateDisodium hydrogen monophosphateDisodium hydrogen phosphateDisodium hydrogen phosphate, anhydrousPhosphoric acid, disodium salt, anhydrousPhosphoric acid, sodium salt (1:2)Secondary sodium phosphateSodium phosphate dibasic anhydrousSodium phosphate, dibasicSodium phosphate, dibasic anhydrousSodium phosphate, dibasic, anhydrousSodium phosphate,dibasic,anhydrousDisodium phosphatedisodium acid orthophosphatedisodium monohydrogen phosphateNa2HPO4disodium orthophosphateanhydrous dibasic sodium phosphateE339ii Disodium phosphate Names IUPAC name Disodium hydrogen phosphate Other names Disodium hydrogen orthophosphateSodium hydrogen phosphateSodium phosphate dibasicdisodium phosphatedibasic sodium phosphateAcetest Identifiers CAS Number 7558-79-4 Y10028-24-7 (dihydrate) N7782-85-6 (heptahydrate) N10039-32-4 (dodecahydrate) N 3D model (JSmol) Interactive image ChEBI CHEBI:34683 Y ChEMBL ChEMBL1060 Y ChemSpider 22625 Y ECHA InfoCard 100.028.590 EC Number 231-448-7 E number E339(ii) (antioxidants, ...) PubChem CID 24203 nombor RTECS WC4500000 UNII 22ADO53M6F Y CompTox Dashboard (EPA) DTXSID1026039 InChi InChi=1S/2Na.H3O4P/c;; 1-5(2,3)4/h;;(H3,1,2,3,4)/q2*+1;/p-3 NKey: BNILDVGGAEEIG-UHFFFAOYSA-K NinChi=1/2Na.H3O4P/c;; 1-5(2,3)4/h;;(H3,1,2,3,4)/q2*+1;/p-3Key: BNILDVGGAEEIG-DFZHIFFOAK SMILES [Na+].[Na+]. I'm not going to be the one who's going to P((O-))((O-))=O Properties Chemical formula Na2HPO4 Molar mass 141.96 g/mol (anhydrous)177.99 g/mol (dihydrate)268.07 g/mol (heptahydrate) Appearance White crystalline solid Odor odorless Density 1.7 g/cm3 Melting point 250 °C (482 °F; 523 K) decomposes Solubility in water 7.7 g/100 ml (20 °C) 11.8 g/100 mL (25 °C, heptahydrate) Solubility insoluble in alcohol log P -5.8 Acidity (pKa) 2.15, 6.82, 12.35 Magnetic susceptibility (χ) −56.6·10−6 cm3/mol Refractive index (nD) 1.35644..1.35717 at 20°C Hazards Main hazards Irritant Safety data sheet ICSC 1129 NFPA 704 (fire diamond) 0 1 0 Flash point Non-flammable Lethal dose or concentration (LD, LC): LD50 (median dose) 17000 mg/kg (rat, oral) Related compounds Other anions sodium phosphite Other cations Dipotassium phosphateDiammonium phosphate Related compounds Monosodium phosphateTrisodium phosphate Except where otherwise noted , data is provided for materials in their standard state (at 25 °C [77 °F], 100 kPa). N authenticate (what is YN?) The reference to disodium phosphate (DSP), or hydrogen sodium phosphate, or sodium phosphate, is an inorganic form of the Formula Na2HPO4. It is one of the few sodium phosphates. Salt is cognized in anhydrous form as well as a shape with 2, 7, 8, and 12 hydrates. Everything is water-soluble white powder; anhydrous salt becomes hygroscopic. [1] PH solution of hydrogen disodium phosphate water is between 8.0 and 11.0, meaning it is a simple principle: HPO42− + H2O ⇌ H2PO4− + OH− Expenditure and It can be generated by phosphoric acid with sodium hydroxide: H3PO4 + 2 NaOH → HNa2PO4 + 2 H2O Industrially It is provided in a two-step process by treating dicalcium phosphate with sodium ulcers, the calcium sulfate.[2] CaHPO4 + NaHSO4 → NaH2PO4 + CaSO4 In the second step, the monosodium phosphate solution is partly neutralized: NaH2PO4 + NaOH → HNa2PO4 + H2O Using It is used together with trisodium phosphate in food and water softening treatment. In food, it is used to adjust the pH. Its presence prevents freezing in the provision of concentrated milk. Likewise, it is used as an active anti-caking in powder products. [3] It is used in desserts and puddings, e.g. Wheat Cream for quick cooking, and Jell-O Soon Pudding for thickening. In water treatment, he planned the formation of calcium scales. It is also found in several pencua and cleaning agents. [2] Phosphate disodium heating provides tetrasodium pyrophosphate as useful.[except required] 2 HNa2PO4 → Na4P2O7 + H2O Monobasic and toxic sodium phosphate used as saline julang to treat constipation or cleanse the intestines before colonoscopy. [4] References ^ Physical data (pdf) (PDF). Originally released (PDF) in 2011-07-17. Achieved in 2007-03-06. 1 b Klaus Schrödter, Gerhard Bettermann, Thomas Staffel, Friedrich Wahl, Thomas Klein, Thomas Hofmann Phosphoric Acid and Phosphate in the Encyclopedia of Industrial Chemistry Ullmann 2008, Wiley-VCH, Weinheim. doi:10.1002/14356007.a19_465.pub3 1 MSDS. Diarkibkan from the original in 2017-10-28. Achieved in 2011-09-26. † Sodium Phosphate, Dibasic, Sodium Phosphate, Monobasic Oral Settlement. Krames Patient Education. Diarkibkan from the original in 2013-01-28. Achieved in 2009-10-29. Media out-of-the-box links relating to Disodium phosphate at Wikimedia Commons to the belief in alcohol Prophylaxis Taken from

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