
Product Data Sheet

Product Name: D-Glucose 6-phosphate disodium salt

Cat. No.: GC39306

Chemical Properties

Cas. No. 3671-99-6

SMILES O=C[C@@H]([C@H]([C@@H]([C@@H](COP(O[Na])(O[Na])=O)O)O)O)OFormula $C_6H_{11}Na_2O_9P$ M.Wt 304.1

Solubility Water: 250 mg/mL (822.10 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

D-Glucose-6-phosphate disodium salt is a glucose sugar phosphorylated at the hydroxy group on carbon 6[1].

[1]. Olsen BB, et al. Linked Hexokinase and Glucose-6-Phosphatase Activities Reflect Grade of Ovarian Malignancy. Mol Imaging Biol. 2018 Jul 9.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA