
Product Data Sheet

Product Name: NAADP tetrasodium salt

Cat. No.: GC10926

Chemical Properties

Cas. No. 5502-96-5

Chemical Name sodium 1-((2R,3R,4S,5R)-5-(((((((2R,3R,4R,5R)-5-(6-amino-9H-purin-9-yl)-3-hydroxy-4-(phosphonatoxy)tetrahydrofuran-2-yl)methoxy)oxidophosphoryl)oxy)oxidophosphoryl)oxy)methyl)-3,4-dihydroxytetrahydrofuran-2-yl)pyridin-1-ium-3-carboxylate

SMILES NC1=C(N=CN2[C@@]3([H])[C@@](OP([O-])([O-])=O)([H])[C@@](O)([H])[C@@](O3)([H])COP([O-])(OP([O-])(OC[C@](O4)([H])[C@](O)([H])[C@](O)([H])[C@]4([H])[N+]5=CC=CC(C([O-])=O)=C5)=O)=O)C2=NC=N1.[Na+].[Na+].[Na+].[Na+]

Formula C₂₁H₂₃N₆Na₄O₁₈P₃

M.Wt

832.32

Solubility <41.62mg/ml in Water

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

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
