

## Product Datasheet

### GL6086 - Dexamethasone 21-phosphate disodium salt, USP grade

Hazard Codes H361, H302, H351  
Precautionary Codes P281  
Pictograms

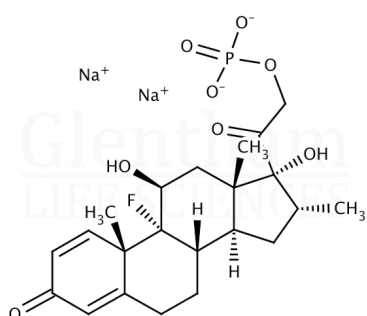


#### Product Details

Product Name Dexamethasone 21-phosphate disodium salt, USP grade  
Glentham Code GL6086  
CAS Number 2392-39-4  
EINECS 219-243-0  
MDL Number MFCD00079105  
PubChem SID 310271197  
Additional CAS 312-93-6

#### Structure

Molecular Weight : 516.40  
Molecular Formula :  $C_{22}H_{28}FNa_2O_8P$



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.  
CLP Classification Repr. 2, Acute Tox. 4, Carc. 2  
Signal Word Warning

#### Glentham Product Specification

Physical Description : White powder  
Identification : A, B, C according to USP  
Solubility (5% in water) : Clear to slightly turbid, colourless to faint yellow solution  
pH (1% in water) : 7.5 - 10.5  
Specific Optical Rotation ( $[\alpha]_{20/D}$ ) : +74.0 - +82.0 ° (c=1, Water)  
Free Phosphate : ≤ 1.0%  
Alcohol : ≤ 1.5%  
Any other individual unspecified impurity : ≤ 0.1%  
Total Impurities : ≤ 1.0%  
Water : ≤ 10.0%  
Assay : 97.0 - 102.0 % (anhydrous, solvent-free basis)  
Pharmacopoeia Specification(s) : USP  
16(17)a-Homode xamethasone sodium phosphate : ≤ 0.2%  
16(17)a-Homobeta-methasone sodium phosphate : ≤ 0.2%  
13(17)a-Homode xamethasone sodium phosphate : ≤ 0.2%  
16(17)a-17R-Homodexamethasone sodium phosphate : ≤ 0.2%  
Betamethasone sodium phosphate : ≤ 0.2%

## Product Datasheet

Dexamethasone :  $\leq 0.1\%$   
sodium  
phosphate  
diester

Fluoroandrostadi :  $\leq 0.3\%$   
ene carboxylic  
acid

Dexamethasone :  $\leq 0.3\%$   
ethyl ester

Dexamethasone :  $\leq 0.5\%$

Version : v1.1

### **About Dexamethasone 21-phosphate disodium salt, USP grade**

No further details on record.