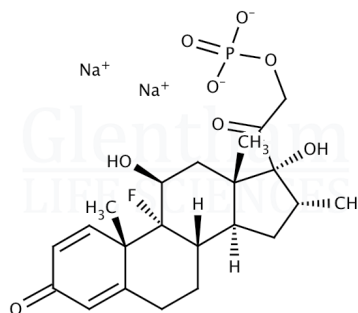


Product Specification

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
Molecular Weight	516.40
Molecular Formula	$C_{22}H_{28}FNa_2O_8P$
Storage Temp.	+4°C



Property	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%
16(17)a-Homodexamethasone sodium phosphate	≤ 0.2%
16(17)a-Homobetamethasone sodium phosphate	≤ 0.2%
13(17)a-Homodexamethasone sodium phosphate	≤ 0.2%
16(17)a-17R-Homodexamethasone sodium phosphate	≤ 0.2%
Betamethasone sodium phosphate	≤ 0.2%
Dexamethasone ethyl ester	≤ 0.3%
Dexamethasone	≤ 0.5%
Fluoroandrostadiene carboxylic acid	≤ 0.3%
Dexamethasone sodium phosphate diester	≤ 0.1%
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

Specification Version - v1.1
Date Created - 2023-07-12

Product Specification

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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