

Prednisolone Standard

Product Information

Outline

A glucocorticosteroid similar to the steroid hormone produced by the adrenal gland in the body. It suppresses excessive inflammation and allergy.

Catalog Number

CSVD0127

Size 200mg

Storage Condition

-20 °C Freezer

Use for

HPLC

CAS

50-24-8

Molecular Formula

C₂₁H₂₈O₅

Molecular Weight

360.44

Appearance

White - nearly white, crystalline powder

Melting Point

240 °C (dec.)(lit.)

Boiling Point

412.46 °C (rough estimate)

Density

Prednisolone Standard

1.0963 (rough estimate)

Refractive Index

100 ° (C=1, Dioxane)

Purity

98.0+% (HPLC)

Flash Point

2°C

Compound

Prednisolone

Solubility

Very slightly soluble in water, soluble in ethanol (96 per cent) and in methanol, sparingly soluble in acetone, slightly soluble in methylene chloride. It shows polymorphism (5.9).

Form powder

Water Solubility

2.225 g/L(25 °C)

InChIKey

OIGNJSKKLXVSLS-VWUMJDOOSA-N

Safety Information

GHS02,GHS08,GHS07

Alpha

D25 +102° (dioxane)
