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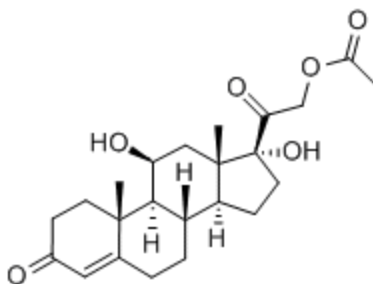
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Technical Data Sheet

Hydrocortisone acetate

Product Information

Chemical Name	Hydrocortisone acetate
CAS #	50-03-3
Formula	C ₂₃ H ₃₂ O ₆
Molecular Weight	404.5
Chemical Structure	



Description

Hydrocortisone acetate is a kind of adrenal cortical hormone drugs, cortisol, also known as acetic acid white crystalline powder, odourless, taste bitter. Melting point of 216 ~ 222 °C, show dextral light. Slightly soluble in ethanol, ethyl ether, chloroform, acetone, insoluble in water

Physical Properties

Melting point,	223 °C (dec.)(lit.)
Flash point	223 ° c.
Storage conditions	0-6°C
Decomposition	223 °C

Specification

Item	Specification
Appearance	White crystalline powder

Assay, %	97.0~103.0
Specific Rotation, %	+158° ~+167°
Identification	Conform to the stipulation
Total impurities,%	≤1.5
Highest impurity,%	≤1.0
Quantity of impurities greater than0.5,%	≤1.0
Loss on drying,%	≤10.5

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Mainly used in the treatment of rheumatoid arthritis, rheumatic fever, gout, bronchial asthma, such as eye drops for a variety of eye inflammation

Packaging

1kg/tin,5kg/tin,2tin/carton

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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