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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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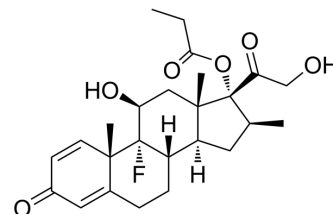
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Betamethasone 17-Propionate

Cat. No.:	HY-W342458
CAS No.:	5534-13-4
Molecular Formula:	C ₂₅ H ₃₃ FO ₆
Molecular Weight:	448.52
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Betamethasone 17-Propionate is a compound used to study its effects on endotoxin-induced uveitis in rats. It has the activity of inhibiting the infiltration of cells into the aqueous humor in endotoxin-induced uveitis by eye drops and systemic administration at a certain dose. However, its inhibitory effect is relatively weak compared with some other compounds. At the same time, the dose for systemic administration is 1mg/kg. In addition, Betamethasone 17-Propionate has a weaker inhibitory effect on the release of IL-8 from rat peritoneal exudate cells in an in vitro interleukin-8 (IL-8) release assay than betamethasone. Moreover, the simultaneous addition of betamethasone dipropionate and betamethasone 17-Propionate reduces the inhibitory effect of betamethasone on cell infiltration and IL-1 β gene expression.

REFERENCES

[1]. The effects of betamethasone derivatives on endotoxin-induced uveitis in rats

Caution: Product has not been fully validated for medical applications. For research use only.

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