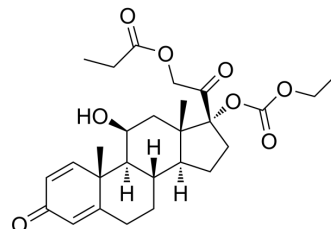


Prednicarbate

Cat. No.:	HY-B1365
CAS No.:	73771-04-7
Molecular Formula:	C ₂₇ H ₃₆ O ₈
Molecular Weight:	488.57
Target:	Glucocorticoid Receptor
Pathway:	Immunology/Inflammation; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Prednicarbate is a topical corticosteroid agent. Prednicarbate can be used for the research of inflammatory skin diseases, such as atopic dermatitis ^{[1][2]} .
In Vitro	Prednicarbate (0.25%; applied daily to the ear skin area for 2 days) recovers the 2,4-dinitrochlorobenzene (DNCB)-induced atopic dermatitis of mice ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lubach D, et, al. Investigation of the skin thinning effect of prednicarbate and other corticoids in mouse skin. *Skin Pharmacol.* 1988;1(3):200-6.
- [2]. Lee KH, et, al. Hizikia fusiformis fractions successfully improve atopic dermatitis indices in anti-CD3-stimulated splenocytes and 2,4-dinitrochlorobenzene-treated BALB/c mice. *J Pharm Pharmacol.* 2014 Mar;66(3):466-76.

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

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