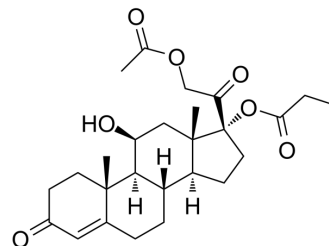


Hydrocortisone aceponate

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-116691 | | |
| CAS No.: | 74050-20-7 | | |
| Molecular Formula: | C ₂₆ H ₃₆ O ₇ | | |
| Molecular Weight: | 460.56 | | |
| Target: | Glucocorticoid Receptor | | |
| Pathway: | Immunology/Inflammation; Vitamin D Related/Nuclear Receptor | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (217.13 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| 1 mM | | 2.1713 mL | 10.8563 mL | 21.7127 mL |
| 5 mM | | 0.4343 mL | 2.1713 mL | 4.3425 mL |
| 10 mM | | 0.2171 mL | 1.0856 mL | 2.1713 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Hydrocortisone aceponate (Hydrocortisone 17-propionate 21-acetate) is a potent topical glucocorticoid. Hydrocortisone aceponate can be used for various dermatoses research^[1].

REFERENCES

[1]. Amiya Kumar Mukhopadhyay, et al. A study to evaluate the efficacy and safety of hydrocortisone aceponate 0.127% lipophilic cream in steroid responsive dermatoses in Indian patients. Indian J Dermatol Venereol Leprol. Sep-Oct 2010;76(5):591.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA