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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Flurandrenolide

Item No. 20933

CAS Registry No.: 1524-88-5

Formal Name: (6 α ,11 β ,16 α)-6-fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-pregn-4-ene-3,20-dione

Synonyms: Fludroxycortide, Flurandrenolone, L-33,379

MF: C₂₄H₃₃FO₆

FW: 436.5

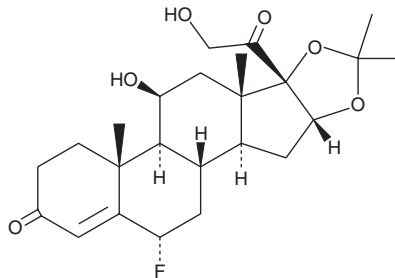
Purity: \geq 98%

UV/Vis.: λ_{\max} : 235 nm

Supplied as: A crystalline solid

Storage: -20°C

Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Laboratory Procedures

Flurandrenolide is supplied as a crystalline solid. A stock solution may be made by dissolving the flurandrenolide in the solvent of choice. Flurandrenolide is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide, which should be purged with an inert gas. The solubility of flurandrenolide in ethanol and DMF is approximately 15 mg/ml and approximately 1 mg/ml in DMSO.

Description

Flurandrenolide is a topical corticosteroid with anti-inflammatory actions.¹ It has also been shown to activate EGFR with an EC₅₀ value of 23 nM.²

References

1. Boris, A., and Hurley, J.F. Assessment of topical anti-inflammatory activity in rats with cantharidin-induced inflammation. *J. Invest. Dermatol.* **68(3)**, 161-164 (1977).
2. Antczak, C., Mahida, J.P., Bhinder, B., *et al.* A high-content biosensor-based screen identifies cell-permeable activators and inhibitors of EGFR function: Implications in drug discovery. *Journal of Biomolecular Screening* **17(7)**, 885-899 (2012).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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