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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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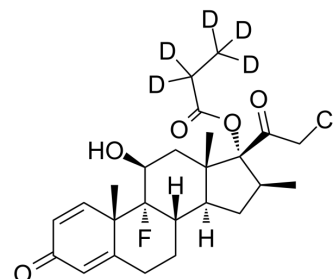
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Clobetasol propionate-d₅

Cat. No.:	HY-13600S1
CAS No.:	2280940-18-1
Molecular Formula:	C ₂₅ H ₂₇ D ₅ ClFO ₅
Molecular Weight:	472
Target:	Isotope-Labeled Compounds; Cytochrome P450
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Clobetasol propionate-d₅ is a deuterium substitute of Clobetasol propionate. Clobetasol propionate is a potent, selective CYP3A5 inhibitor with a IC₅₀ of 0.206 μM and has potential for use in the study of psoriasis and other skin diseases^{[1][2]}.

REFERENCES

- [1]. Wright WC, et al. Clobetasol Propionate Is a Heme-Mediated Selective Inhibitor of Human Cytochrome P450 3A5. J Med Chem. 2020 Feb 13;63(3):1415-1433.
- [2]. Zeigler M, et al. Anti-CD11a ameliorates disease in the human psoriatic skin-SCID mouse transplant model: comparison of antibody to CD11a with Cyclosporin A and clobetasol propionate. Lab Invest. 2001 Sep;81(9):1253-61.

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

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