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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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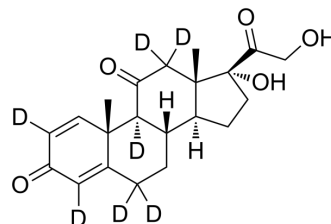
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Prednisone-d₇

Cat. No.:	HY-B0214S1
Molecular Formula:	C ₂₁ H ₁₉ D ₇ O ₅
Molecular Weight:	365.47
Target:	Isotope-Labeled Compounds; Apoptosis; Glucocorticoid Receptor
Pathway:	Others; Apoptosis; Immunology/Inflammation; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Prednisone-d₇ (Dehydrocortisone-d₇) is deuterium labeled Prednisone. Prednisone (Adasone) is a corticosteroid agent with anti-inflammatory and immunosuppressive effects that can be used to study diseases related to systemic lupus erythematosus^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. [2]N Tomioka, et al. Effects of prednisolone on acute viral myocarditis in mice. *J Am Coll Cardiol*. 1986 Apr;7(4):868-72.
- [3]. RIEMER AD. Application of the newer corticosteroids to augment diuresis in congestive heart failure. *Am J Cardiol*. 1958 Apr;1(4):488-96.
- [4]. Qianqian Li, et al. Metabolic Profiling Reveals an Abnormal Pattern of Serum Fatty Acids in MRL/lpr Mice Under Treatment With Prednisone. *Front Pharmacol*. 2020 Feb 25;11:115.

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

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