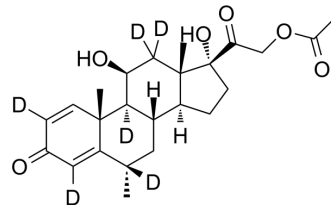


Methylprednisolone acetate-d₆

Cat. No.:	HY-13681S
Molecular Formula:	C ₂₄ H ₂₆ D ₆ O ₆
Molecular Weight:	422.54
Target:	Glucocorticoid Receptor; Isotope-Labeled Compounds
Pathway:	Immunology/Inflammation; Vitamin D Related/Nuclear Receptor; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methylprednisolone acetate-d₆ is the deuterium labeled Methylprednisolone acetate (HY-13681). Methylprednisolone acetate, a prednisolone derivative, is a corticosteroid hormone. Methylprednisolone acetate can relieve pain and swelling that occurs with arthritis and other joint disorders in vivo^[1].

REFERENCES

- [1]. Ha Thi -Ngan Le, et al. A mouse model of osteonecrotic femoral head induced by methylprednisolone and liposaccharide. *Biomed Res Ther* 3, 12 (2016).
- [2]. Franco LM, et al. Immune regulation by glucocorticoids can be linked to cell type-dependent transcriptional responses. *J Exp Med*. 2019 Feb 4;216(2):384-406.

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

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