

Prednisolone acetate

Cat. No.:	OB0225WX-2497
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and HPLC.
Size:	50 mg; 100 mg; 200 mg; 500 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

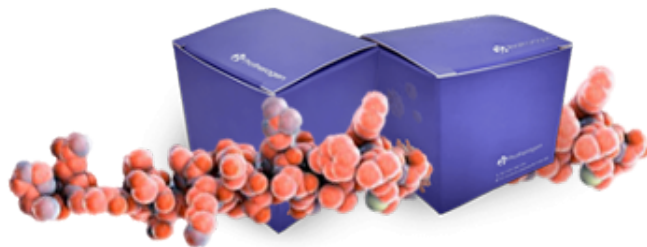
Description	Prednisolone acetate is a synthetic corticosteroid molecule that acts as a potent immunomodulatory agent by regulating gene expression through the glucocorticoid receptor.
Synonym	Omnipred; Prednisolone-21-acetate; 52-21-1
CAS No.	52-21-1
Formula	$C_{23}H_{30}O_6$
Formula Weight	402.48

Specification

Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Prednisolone acetate is employed in ophthalmology and inflammatory research as a glucocorticoid derivative to examine the reduction of ocular inflammation and the stabilization of the blood-aqueous barrier.

Library Information

Target	Glucocorticoid receptor
Pathways	Endocrinology & Hormones
Plate Number	L6700-04
Empty Location	a1-h1; a12-h12



Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	81 mg/mL; 201.25 mM
ALogP	1.639
HBA_Count	4
HBD_Count	1
Rotatable Bond	4