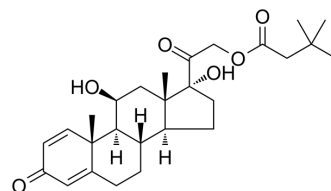


Prednisolone Tebutate

Cat. No.:	HY-U00098		
CAS No.:	7681-14-3		
Molecular Formula:	C ₂₇ H ₃₈ O ₆		
Molecular Weight:	458.59		
Target:	Glucocorticoid Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (218.06 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1806 mL	10.9030 mL	21.8060 mL
	5 mM	0.4361 mL	2.1806 mL	4.3612 mL
	10 mM	0.2181 mL	1.0903 mL	2.1806 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (5.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.45 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Prednisolone tebutate is a synthetic glucocorticoid used as an antiinflammatory and immunosuppressant.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA