

Meprednisone

Catalog No: tcsc2222



Available Sizes

Size: 10mg

Size: 100mg



Specifications

CAS No:

1247-42-3

Formula:

$C_{22}H_{28}O_5$

Pathway:

GPCR/G Protein;Autophagy

Target:

Glucocorticoid Receptor;Autophagy

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

372.45

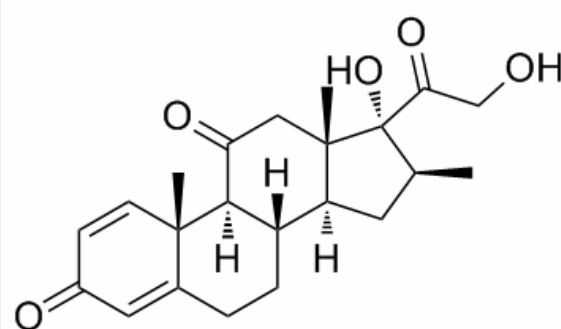
Product Description

Meprednisone is a glucocorticoid and a methylated derivative of prednisone.

Target: Glucocorticoid Receptor

Meprednisone is a glucocorticoid and a methylated derivative of prednisone. The methylprednisone to MPL area under the curve ratio decreased from 0.19 +/- 0.04 in control to 0.14 +/- 0.03 in ketoconazole-treated rats (P less than .05) due to altered

interconversion between these steroids. An improved pharmacokinetic/dynamic receptor/gene-mediated model characterized the steroid receptor binding and induction of tyrosine aminotransferase activity after i.v. MPL sodium succinate (10 mg/kg). In contrast to previous in vitro studies, ketoconazole at maximally tolerated doses failed to antagonize the steroid receptor-mediated activity of MPL [1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!