

Deflazacort

Catalog No: tcsc2349



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

14484-47-0

Formula:

$C_{25}H_{31}NO_6$

Pathway:

GPCR/G Protein

Target:

Glucocorticoid Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (226.49 mM)

Observed Molecular Weight:

441.52

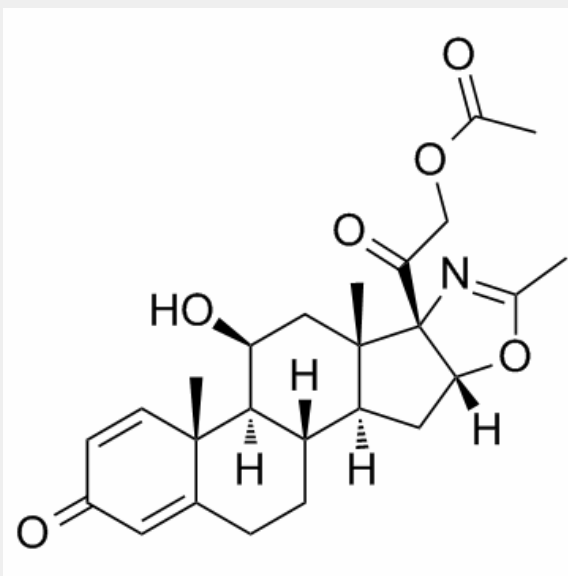
Product Description

Deflazacort is a glucocorticoid used as an anti-inflammatory and immunosuppressant.

Target: Glucocorticoid Receptor

Deflazacort is an inactive prodrug which is converted rapidly to the active metabolite 21-desacetyldeflazacort. Maximum concentrations of 21-desacetyldeflazacort averaged 116 ng/ml and were observed after 1.3 h. The average area under the curve was

280 ng/ml.h, and the terminal half-life was 1.3 h. 21-Desacetyldeflazacort was cleared significantly faster than both methylprednisolone and prednisolone [1]. Two of 40 boys treated with deflazacort died at 13 and 18 years of age from cardiac failure. The treated boys were significantly shorter, did not have excessive weight gain and 22 of 40 had asymptomatic cataracts. Deflazacort has a very significant impact on health, quality of life and health care costs for boys with DMD and their families, and is associated with few side effects [2].



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