Product datasheet

Desonide (Prednacinolone) ab143060

Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Desonide (Prednacinolone)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Weak glucocorticoid receptor agonist. Anti-inflammatory agent.</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt; 99%</td>
</tr>
</tbody>
</table>

Properties

| Chemical name | (11beta,16alpha)-11,21-dihydroxy-16,17-((1-methylethylidene)bis(oxy))-Pregna-1,4-diene-3,20-dione |
| Molecular weight | 416.51 |

Chemical structure

Molecular formula

$C_{24}H_{32}O_6$

CAS Number

638-94-8

PubChem identifier

5311066

Storage instructions

Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview

Soluble in DMSO to 100 mM and in ethanol to 75 mM

Handling

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES

CC1(OC2CC3C4CCC5=CC(=O)C=CC5(C4(C(C2(O1)C(=O)CO)C)O)C)O

Source

Synthetic
Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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