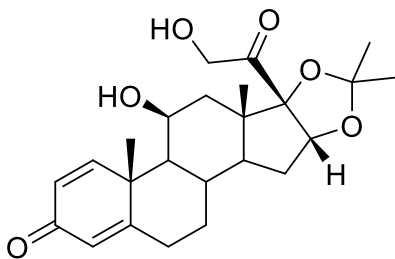


Product data sheet



MedKoo Cat#: 315265 Name: Desonide CAS#: 638-94-8 Chemical Formula: C ₂₄ H ₃₂ O ₆ Exact Mass: 416.21989 Molecular Weight: 416.51	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

Desonide is the generic name of a low potency topical corticosteroid that has been available since the 1970s. It is primarily used to treat atopic dermatitis (eczema), seborrheic dermatitis, psoriasis and contact dermatitis in both adults and children and has a fairly good safety profile and is available as a cream, ointment, lotion, and, since September 19, 2006, as a foam under the tradename Verdeso Foam.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	69.0	165.66
Ethanol	20.0	48.02

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.40 mL	12.00 mL	24.01 mL
5 mM	0.48 mL	2.40 mL	4.80 mL
10 mM	0.24 mL	1.20 mL	2.40 mL
50 mM	0.05 mL	0.24 mL	0.48 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

Desonide is a nonfluorinated corticosteroid anti-inflammatory agent used topically for dermatoses.

In vitro activity

TBD

In vivo activity

TBD

Product data sheet



Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.