

Product Name : Flunisolide

Synonyms : RS 3999

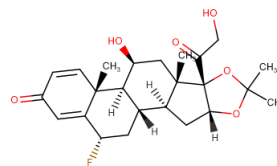
Cat No. : M14147

CAS Number : 3385-03-3

Molecular Formula : C₂₄H₃₁FO₆

Formula Weight : 434.50

Chemical Name : (1S,2S,4R,8S,9S,11S,12S,13R,19S)-19-fluoro-11-hydroxy-8-(2-hydroxyacetyl)-6,6,9,13-tetramethyl-5,7-dioxapentacyclo[10.8.0.0.2,9.0.4,8.0]13,18]icosa-14,17-dien-16-one



Description : Flunisolide (marketed as AeroBid, Nasalide, Nasarel) is a corticosteroid often prescribed as treatment for allergic rhinitis. The principle mechanism of action of flunisolide is to activate glucocorticoid receptors. It also has anti-inflammatory action.

Pathway : Endocrinology/Hormones

Target : GR

Receptor : Glucocorticoid Receptor

Solubility : DMSO: 10 mM

SMILES : O=C1C=C[C@]2(C)[C@@]3([H])[C@@H](O)C[C@]4(C)[C@]5(C(CO)=O)OC(C)(C)C[C@]5([H])C[C@@]4([H])[C@]3([H])C[C@H](F)C2=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Hochhaus G, Moellmann HW. Agents Actions. 1990 Jun;30(3-4):377-80.