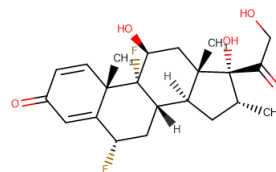


Product Name	: Flumethasone
Synonyms	: NSC 5402; NSC 54702; U-10974
Cat No.	: M13401
CAS Number	: 2135-17-3
Molecular Formula	: C ₂₂ H ₂₈ F ₂ O ₅
Formula Weight	: 410.46
Chemical Name	: (6S,8S,9R,10S,11S,13S,14S,16R,17R)-6,9-difluoro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one
Description	: Flumethasone is a glucocorticoid receptor agonist, this complex binds to the nucleus causing a variety of genetic activation and repressions.
Pathway	: Endocrinology/Hormones
Target	: GR
Receptor	: Glucocorticoid Receptor
Solubility	: Ethanol: 6 mg/mL (14.61 mM); DMSO: 82 mg/mL (199.78 mM)
SMILES	: <chem>O=C1C=C[C@]2(C)[C@@]3(F)[C@@H](O)C[C@]4(C)[C@](C(CO)=O)(O)[C@H](C)C[C@@]4([H])[C@]3([H])C[C@H](F)C2=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Sternbauer K, et al. Zentralbl Veterinärmed A, 1998, 45(6-7), 441-443.