

Fluticasone propionate (Cas No 80474-14-2)

Name Fluticasone propionate

Molecular Weight 500.57

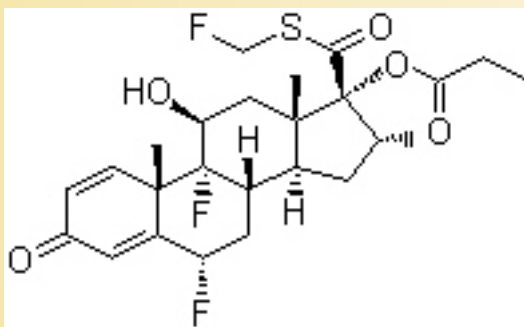
CAS Registry Number 80474-14-2

ATC code D07AC17 & D07AC04 (topical)

* R01AD08 (nasal)

* R03BA05 (inhaled)

* R01AD12 (furoate)



PubChem 5311101

DrugBank APRD00065

ChemSpider 4470631

Chemical data

Formula C₂₂H₂₇F₃O₄S Mol. mass 444.508 g/mol

SMILES eMolecules & PubChem

Identification

Synonyms S-Fluoromethyl-6alpha,9alpha-difluoro-11beta-hydroxy-16alpha-methyl-3-oxo-17alpha-propionyloxyandrosta-1,4-diene-17beta-carbothioate; (6a,11b,16a,17a)-6,9-Difluoro-11-hydroxy-16-methyl-3-oxo-17-(1-oxopropoxy)androsta-1,4-diene-17-carbothioic acid S-(fluoromethyl) ester

Systematic (IUPAC) name

S-(fluoromethyl) (6S,8S,9R,10S,11S,13S,14S,16R,17R)-

6,9-difluoro-11,17-dihydroxy-10,13,16-trimethyl-3-oxo-

6,7,8,11,12,14,15,16-octahydrocyclopenta[a]

Phenanthrene-17-carbothioate