

Product Name : Ciclesonide

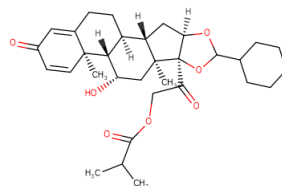
Synonyms : RPR251526

Cat No. : M11111

CAS Number : 126544-47-6

Molecular Formula : C₃₂H₄₄O₇

Formula Weight : 540.69



Chemical Name : 2-[(1S, 2S, 4R, 8S, 9S, 11S, 12S, 13R)-6-cyclohexyl-11-hydroxy-9, 13-dimethyl-16-oxo-5, 7-dioxapentacyclo [10.8.0.02,9.04, 8.013, 18] icosa-14, 17-dien-8-yl]- 2-oxoethyl 2-methylpropanoate

Description : Ciclesonide(RPR251526) is a glucocorticoid used to treat obstructive airway diseases.

Pathway : Endocrinology/Hormones

Target : GR

Receptor : Glucocorticoid Receptor

Solubility : DMSO: 10 mM

SMILES : CC(C)C(OCC([C@@]1([C@@]2(C)C[C@H](O)[C@]3([H])[C@@]4(C)C=C5)OC(C6CCCCC6)O[C@]1([H])C[C@]2([H])[C@]3([H])CCC4=CC5=O)=O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Mutch E, et al. Biochem Pharmacol, 2007. 73(10): p. 1657-64.