

Fluticasone (propionate)

Catalog No: tcsc1986



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

80474-14-2

Formula:

$C_{25}H_{31}F_3O_5S$

Pathway:

GPCR/G Protein

Target:

Glucocorticoid Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 250 mg/mL (499.43 mM)

Observed Molecular Weight:

500.57

Product Description

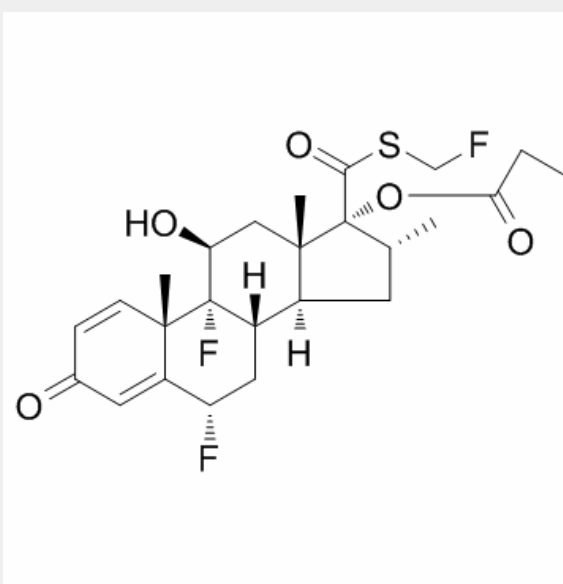
Fluticasone propionate is a high affinity, selective GR (glucocorticoid receptor) agonist which is derived from fluticasone used to treat asthma and allergic rhinitis.

Target: Glucocorticoid Receptor

Fluticasone propionate is a corticosteroid derived from fluticasone used to treat asthma and allergic rhinitis. It is also used to treat

eosinophilic esophagitis. Fluticasone propionate is a synthetic trifluorinated glucocorticoid. It is highly lipophilic (logp octanol/water 3.69). In studies the topical drug has been associated with burning, stinging, skin irritation, blisters, dryness, skin infection, infected eczema, viral warts, impetigo, atopic dermatitis, pruritus, exacerbation of pruritus, exacerbation of eczema, erythema, and folliculitis.

There are also numerous side effects associated with the oral version of this medication including headache, stuffy or runny nose, difficulty speaking, sore or irritated throat and painful white patches in the mouth or throat. Candidiasis of mouth and throat is reported as a "very common" side effect indicating that it occurs with a frequency greater than 1 in 10. Hoarseness is "common" indicating a frequency from 1 in 10 to 1 in 100. In both instances rinsing the mouth with water immediately after inhalation is recommended.



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