

Apremilast

Cat. No. CEI-0616

Lot. No. (See product label)

Introduction

Description Apremilast is a potent PDE4 (phosphodiesterase 4) inhibitor (IC₅₀ = 74 nM). It reduces TNF- α production in human synovial cells and significantly suppresses experimental arthritis.

Product Information

Appearance Yellow solid

CAS No. 608141-41-9

Molecular Formula C₂₂ H₂₄ N₂ O₇ S

Chemical Name N-{2-[(1S)-1-(3-Ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}acetamide

Molecular Weight 602.8

Purity >95% by TLC

Targets PDE1a, PDE2A, PDE3A, PDE4A, PDE5A

Solubility DMSO (25 mg/ml) or EtOH (25 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack