For Research Use Only

GW6471

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Catalog Number: CM06124

产品信息

Catalog Number:
CM06124

CAS号:
880635-03-0

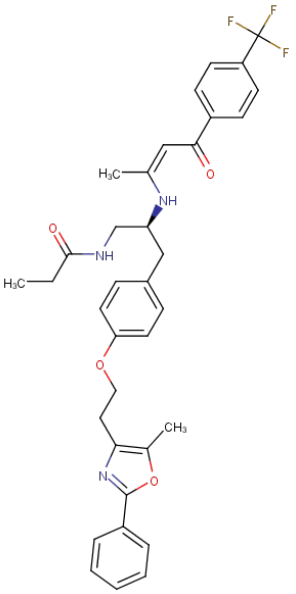
分子式:
$C_{35}H_{36}F_3N_3O_4$

主要靶点:
PPAR

主要通路:
DNA损伤和修复|代谢

分子量:
619.67

溶解度:
DMSO:120 mg/mL (193.65 mM),Sonification is recommended.



体外活性

A specific PPARα antagonist, GW6471, induced both apoptosis and cell cycle arrest at G0/G1 in VHL(+) and VHL(-) RCC cell lines (786-O and Caki-1) associated with attenuation of the cell cycle regulatory proteins c-Myc, Cyclin D1, and CDK4;?this data was confirmed as specific to PPARα antagonism by siRNA methods.

描述

GW6471 is an antagonist of PPARα with IC50 of 0.24 μM. GW6471 enhances the binding affinity of the PPARα ligand-binding domain to the co-repressor proteins SMRT and NCoR.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years