



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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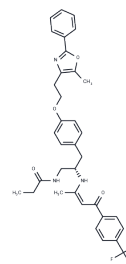
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GW6471

Chemical Properties

CAS No. :	880635-03-0
Formula:	C35H36F3N3O4
Molecular Weight:	619.67
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	GW6471 is an antagonist of PPAR α with IC50 of 0.24 μ M. GW6471 enhances the binding affinity of the PPAR α ligand-binding domain to the co-repressor proteins SMRT and NCoR.
Targets(IC50)	PPAR
In vitro	A specific PPAR α 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 PPAR α antagonism by siRNA methods.

Solubility Information

Solubility	DMSO: 16.67 mg/mL (26.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6138 mL	8.0688 mL	16.1376 mL
5 mM	0.3228 mL	1.6138 mL	3.2275 mL
10 mM	0.1614 mL	0.8069 mL	1.6138 mL
50 mM	0.0323 mL	0.1614 mL	0.3228 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Abu About O, et al. Inhibition of PPAR α induces cell cycle arrest and apoptosis, and synergizes with glycolysis inhibition in kidney cancer cells. PLoS One. 2013 Aug 7;8(8):e71115.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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