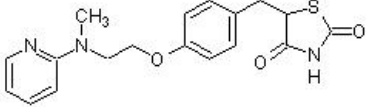


Rosiglitazone, PPARgamma agonist ab120762

8 References **2 图像**

概述

产品名称	Rosiglitazone, PPARgamma激动剂
描述	Selective PPARγ激动剂
生物学描述	Selective PPARγ agonist (EC ₅₀ = 43 nM). Thiazolidinedione. Mediates adipocyte differentiation, increases lipogenesis and enhances fatty acid and glucose uptake. Promotes differentiation of urothelial organoids; potent and selective PPARγ agonist.
纯度	> 99%
CAS编号	122320-73-4
化学结构	

性能

化学名称	5-[[4-[2-(Methyl-2-pyridinylamino)ethoxy]phenyl]methyl]-2,4-thiazolidinedione
分子量	357.43
分子式	C ₁₈ H ₁₉ N ₃ O ₃ S
PubChem识别号	77999
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol to 100 mM (with warming)
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CN(CCOC1=CC=C(C=C1)CC2C(=O)NC(=O)S2)C3=CC=CC=N3

来源

Synthetic

应用

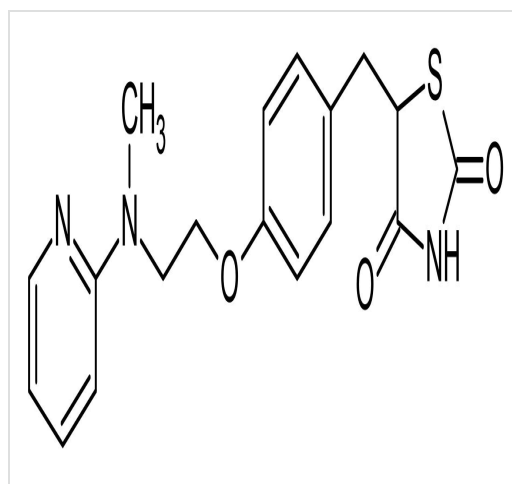
The Abpromise guarantee

Abpromise™承诺保证使用ab120762于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

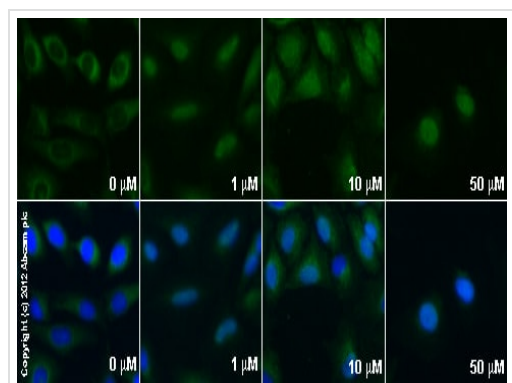
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - Rosiglitazone, PPARgamma agonist (ab120762)

2D chemical structure image of ab120762, Rosiglitazone, PPARgamma agonist



Immunocytochemistry/ Immunofluorescence - Rosiglitazone, PPARgamma agonist (ab120762)

ab3580 staining glucocorticoid receptor in serum starved HeLa cells treated with rosiglitazone (120762), by ICC/IF. Changes in localization of glucocorticoid receptor (translocation from cytoplasm to nucleus) correlates with increased concentration of rosiglitazone, as described in literature.

The cells were incubated at 37°C for 1h in media containing different concentrations of ab120762 (rosiglitazone) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab3580** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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