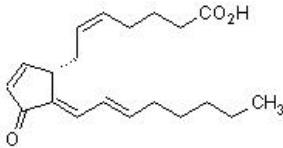


15-Deoxy-Delta12,14-prostaglandin J2, Selective PPARgamma agonist ab141717

1 References [画像数 2](#)

製品の概要

製品名	15-Deoxy-Delta12,14-prostaglandin J2, Selective PPARgamma agonist
製品の詳細	Selective PPAR γ agonist
生理活性の詳細	Selective agonist to PPAR γ . Inhibits the proliferation of cancer cell lines (IC ₅₀ = 22 μ M). Differentiates C3H10T1/2 fibroblasts into adipocytes. Active <i>in vitro</i> .
精製度	> 97%
CAS 番号	87893-55-8
構造式	

製品の特性

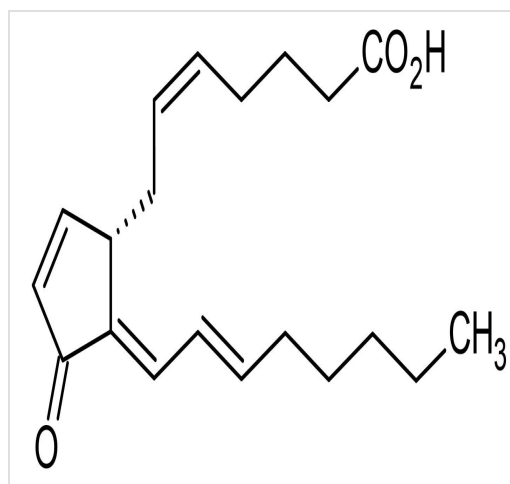
体系名	(Z)-7-[(1S,5E)-5-[(E)-Oct-2-enylidene]-4-oxocyclopent-2-en-1-yl]hept-5-enoic acid
分子量	316.50
分子式	C ₂₀ H ₂₈ O ₃
PubChem 登録番号	5311211
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 75 mM and in ethanol to 75 mM
使用に関する注意	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES 線形表記	CCCCC=CC=C1C(C=CC1=O)CC=CCCC(=O)O

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab141717の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

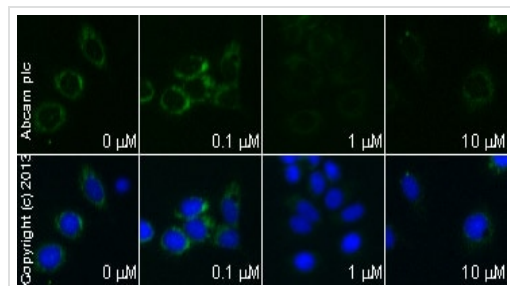
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



2D chemical structure image of ab141717, 15-Deoxy-Delta12,14-prostaglandin J2, Selective PPARgamma agonist

Chemical Structure - 15-Deoxy-Delta12,14-prostaglandin J2, Selective PPARgamma agonist (ab141717)



Immunocytochemistry/ Immunofluorescence - 15-Deoxy-Delta12,14-prostaglandin J2, Selective PPARgamma agonist (ab141717)

ab110325 staining cytochrome C in MCF7 cells treated with 15-Deoxy-delta12,14-prostaglandin J2 (ab141717), by ICC/IF. Expression of cytochrome C changes from mitochondrial puncta to a diffuse staining pattern with increased concentration of 15-Deoxy-delta12,14-prostaglandin J2, as described in literature. The cells were incubated at 37°C for 24 hours in media containing different concentrations of ab141717 (15-Deoxy-delta12,14-prostaglandin J2) in DMSO, fixed with 100% methanol for 5 minutes at -20°C 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 **ab110325** (10 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-mouse polyclonal antibody (**ab96879**) at 1/250 dilution was used as the secondary antibody. Nuclei (blue) were counterstained with DAPI and membrane is stained using

WGA (red).

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

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