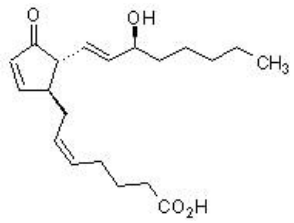
abcam

Product datasheet

Prostaglandin J2, PGD2 analog ab120913

画像数 2

製品の概要

製品名	Prostaglandin J2, PGD2 analog
製品の詳細	Endogenous product of inflammation; PGD_2 analog
精製度	> 95%
CAS 番号	60203-57-8
構造式	

製品の特性

体系名	(5*Z*,13*E*,15*S*)-15-Hydroxy-11-oxoprosta-5,9,13-trien-1-oic acid
分子量	334.45
分子式	$C_{20}H_{30}O_4$
保存方法	Store at -80°C.
溶解性	Supplied in methyl acetate (5 mg/ml)
使用に関する注意	Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 12 months. 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. Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
SMILES 線形表記	CCCCCC(O)/C=C/[C@@H]1C(C/C=CCCCC(=O)O)C=CC1=O
由来	Synthetic

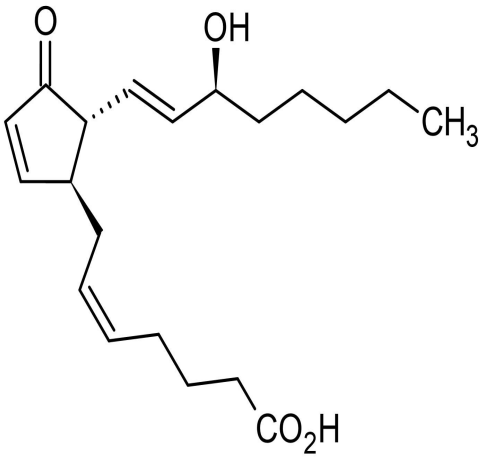
アプリケーション

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ab120913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。

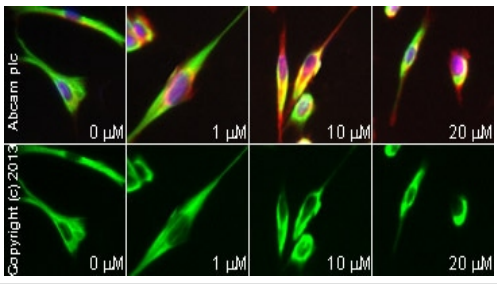
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



Chemical Structure - Prostaglandin J2, PGD_2 analog (ab120913)

2D chemical structure image of ab120913, Prostaglandin J2, PGD2 analog



Immunocytochemistry/ Immunofluorescence - Prostaglandin J2, PGD2 analog (ab120913)

ab80579 staining tau in SKNSH cells treated with prostaglandin J2 (ab120913), by ICC/IF. Expression of tau expression is restringed to the perinuclear zone with increased concentration of prostaglandin J2, as described in literature.
The cells were incubated at 37°C for 6 hours in media containing different concentrations of ab120913 (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 **ab80579** (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 was 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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