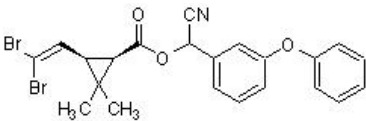


### Deltamethrin, protein phosphatase 2B inhibitor ab141019

3 References [画像数 2](#)

医薬用外劇物

#### 製品の概要

製品名	Deltamethrin, protein phosphatase 2B inhibitor
製品の詳細	Potent protein phosphatase 2B inhibitor
生理活性の詳細	Potent protein phosphatase 2B inhibitor ( $IC_{50} = 0.03$ nM). Induces neurotoxicity by slowing the opening and closing of $Na^+$ channels. Active <i>in vivo</i> .
精製度	> 98%
CAS 番号	52918-63-5
構造式	

#### 製品の特性

体系名	(S)-Cyano-(3-phenoxyphenyl)methyl (1 <i>R</i> ,3 <i>R</i> )-3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropanecarboxylate
分子量	505.21
分子式	$C_{22}H_{19}Br_2NO_3$
PubChem 登録番号	40585
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 100 mM and in ethanol to 10 mM
使用に関する注意	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

## SMILES 線形表記

Br/C(Br)=C/[C@H]3[C@@H](C(=O)O[C@H](C#N)c2cccc(Oc1cccc1)c2)C3(C)C

## 由来

Synthetic

## アプリケーション

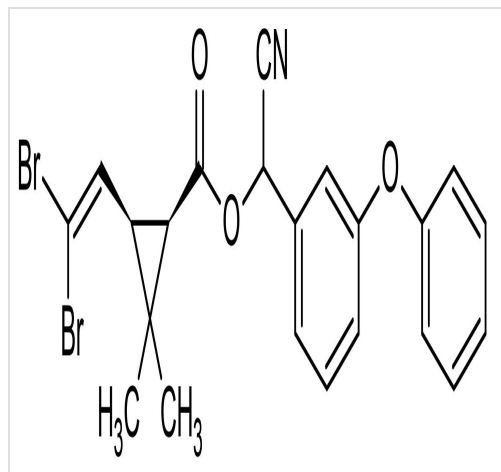
### The Abpromise guarantee

**Abpromise保証は、**次のテスト済みアプリケーションにおけるab141019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。

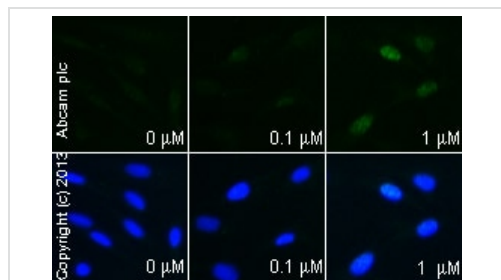
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

## 画像



Chemical Structure - Deltamethrin, protein phosphatase 2B inhibitor (ab141019)

2D chemical structure image of ab141019, Deltamethrin, protein phosphatase 2B inhibitor



Immunocytochemistry/ Immunofluorescence - Deltamethrin, protein phosphatase 2B inhibitor (ab141019)

**ab11419** staining DDIT3 in SKNSH cells treated with deltamethrin (ab141019), by ICC/IF. Increase of DDIT3 expression correlates with increased concentration of deltamethrin, as described in literature.

The cells were incubated at 37°C for 48 hours in media containing different concentrations of ab141019 (deltamethrin) 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 **ab11419** (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 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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