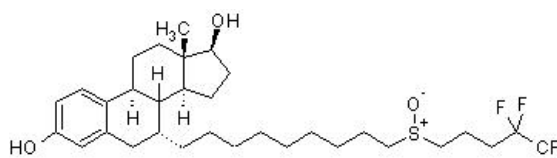


# ICI 182,780, Estrogen receptor antagonist ab120131

**8 References** [画像数 2](#)

### 製品の概要

製品名	ICI 182,780, Estrogen receptor antagonist
製品の詳細	Estrogen receptor antagonist
生理活性の詳細	Estrogen receptor antagonist with no partial agonist activity. Anticancer agent (IC <sub>50</sub> = 0.29 nM for inhibition of breast cancer cell growth). Causes downregulation and loss of estrogen receptors.
CAS 番号	129453-61-8
構造式	

### 製品の特性

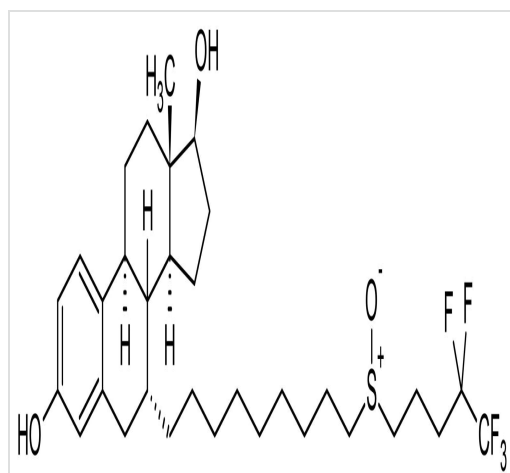
体系名	(7 <i>R</i> ,9 <i>S</i> ,13 <i>S</i> ,14 <i>S</i> ,17 <i>S</i> )-7-(9-(4,4,5,5,5-Pentafluoropentylsulfinyl)nonyl)-7,8,9,11,12,13,14,15,16,17-decahydro-13-methyl-6 <i>H</i> -cyclopenta[ <i>a</i> ]phenanthrene-3,17-diol
分子量	606.77
分子式	C <sub>32</sub> H <sub>47</sub> F <sub>5</sub> O <sub>3</sub> S
PubChem 登録番号	17756771
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 100 mM and in ethanol to 50 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	FC(F)(F)C(F)(F)CCCS(=O)CCCCCCCC[C@@H]2Cc1cc(O)ccc1[C@H]3CC[C@]4(C)[C@@H](O)CC[C@H]4C23

## 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ab120131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確認ください。

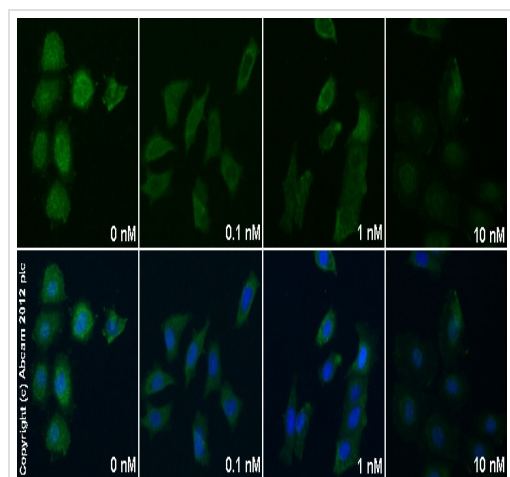
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

## 画像



Chemical Structure - ICI 182,780, Estrogen receptor antagonist (ab120131)

2D chemical structure image of ab120131, ICI 182,780, Estrogen receptor antagonist



Functional Studies - ICI 182,780, Estrogen receptor antagonist (ab120131)

**ab47489** staining BCL2 in MCF7 cells treated with ICI 182,780 (ab120131), by ICC/IF. Decrease in BCL2 expression correlates with increased concentration of ICI 182,780 as described in literature.

The cells were incubated at 37°C for 3h in media containing different concentrations of ab120131 (ICI 182,780) 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 **ab47489** (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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- We investigate all quality concerns to ensure our products perform to the highest standards

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