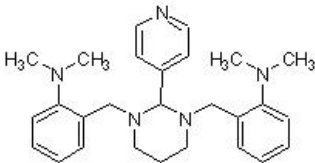


### GANT 61, GLI1 and 2 inhibitor ab120904

6 References [画像数 2](#)

#### 製品の概要

製品名	GANT 61, GLI1 and 2 inhibitor
製品の詳細	Selective GLI1 and 2 inhibitor
生理活性の詳細	Selective GLI1 and 2 inhibitor (IC <sub>50</sub> = 5 μM). Blocks the hedgehog/smoothened signaling pathway. Anticancer activity <i>in vitro</i> and <i>in vivo</i> .
精製度	> 98%
CAS 番号	500579-04-4
構造式	

#### 製品の特性

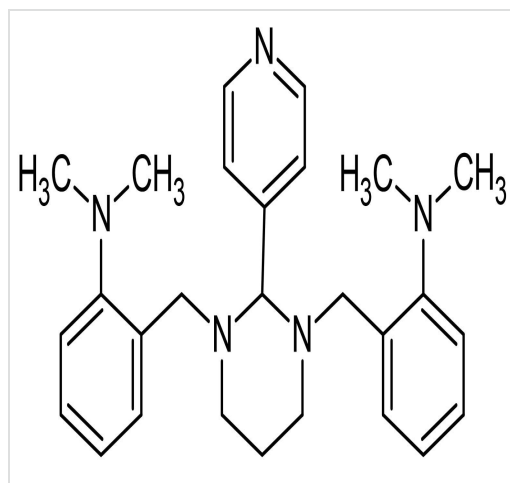
体系名	2,2'-[[Dihydro-2-(4-pyridinyl)-1,3(2H,4H)-pyrimidinediyl]bis(methylene)]bis(N,N-dimethylbenzenamine)
分子量	429.61
分子式	C <sub>27</sub> H <sub>35</sub> N <sub>5</sub>
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 50 mM and in ethanol to 100 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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
SMILES 線形表記	CN(C)C1=CC=CC=C1CN2CCCN(CC3=CC=CC=C3N(C)C)C2C4=CC=NC=C4
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ab120904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。

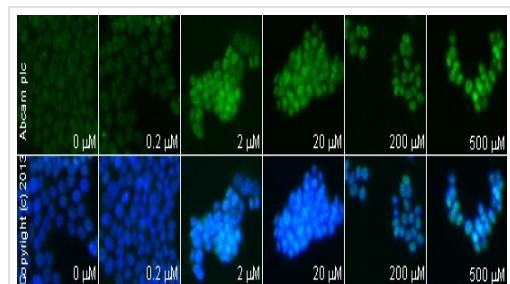
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

## 画像



Chemical Structure - GANT 61, GLI1 and 2 inhibitor  
(ab120904)

2D chemical structure image of ab120904, GANT 61, GLI1 and 2 inhibitor



Functional Studies - GANT 61, GLI1 and 2 inhibitor  
(ab120904)

**ab11169** staining MDC1 in HCT116 cells treated with GANT 61 (ab120904), by ICC/IF. Increase in MDC1 expression correlates with increased concentration of GANT 61, as described in literature. The cells were incubated at 37°C for 4 hours in media containing different concentrations of ab120904 (GANT 61) 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 **ab11169** (1/200 dilution) 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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