

Product datasheet

Dynole<sup>®</sup> 31-2 ab120464

5 References 画像数 1

製品の概要

製品名	Dynole <sup>®</sup> 31-2
製品の詳細	Negative control for Dynole <sup>®</sup> 34-2
生理活性の詳細	Negative control molecule for use with Dynole <sup>®</sup> 34-2 <a href="#">ab120463</a> . Displays no significant activity at dynamin I or II (up to 300 μM).
精製度	> 98%
特記事項	Sold under exclusive licence from Children's Medical Research Institute and Newcastle Innovation Ltd. Dynole <sup>®</sup> is a trademark of Children's Medical Research Institute and Newcastle Innovation Ltd.

法規制情報

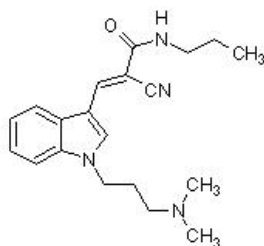
医薬用外劇物

製品の特性

体系名 2-Cyano-*N*-propyl-3-[1-(3-dimethylaminopropyl)-1*H*-indol-3-yl]acrylamide

分子量 338.45

構造式



分子式 C<sub>20</sub>H<sub>26</sub>N<sub>4</sub>O

保存方法 Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

溶解性 Soluble in DMSO 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 [frequently asked questions \(FAQ\) page](#) for more details.

## SMILES 線形表記

CCCNC(=O)C(C#N)=Cc2cn(CCCN(C)C)c1cccc12

## 由来

Synthetic

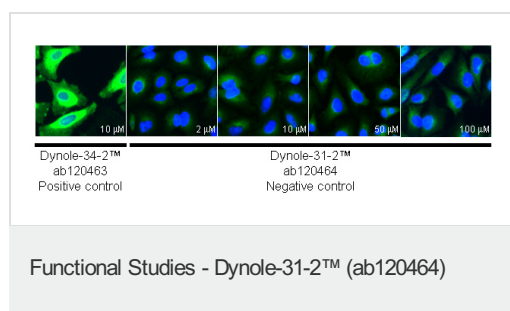
## アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab120464** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

## 画像



**ab66705** staining PAI1 in HeLa cells treated with dynole-31-2™ (ab120464), by ICC/IF. No change in PAI1 expression with increased concentration of dynole-31-2™ (negative control for dynole 34-2™ (ab120463), as described in literature.

The cells were incubated at 37°C for 6h in media containing different concentrations of ab120464 (dynole-31-2™) 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 **ab66705** (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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team