

Iminodyn™ 17 ab120462

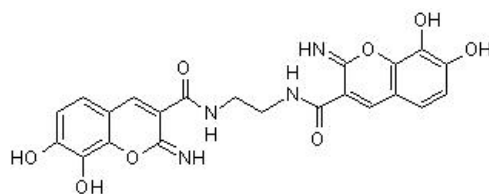
画像数 1

製品の概要

製品名	Iminodyn™ 17
製品の詳細	Negative control for Iminodyn™ 22
生理活性の詳細	Negative control for Iminodyn™ 22, for use in cell based assays. Potently inhibits dynamin I and II GTPase activity <i>in vitro</i> (IC ₅₀ values are 330 and 440 nM, respectively), but does not affect dynamin-mediated endocytosis in cells (IC ₅₀ values are ≥300 μM for receptor-mediated and synaptic vesicle endocytosis).
精製度	> 98%
特記事項	Sold under exclusive licence from Children's Medical Research Institute and Newcastle Innovation Ltd. Iminodyn™ is a trademark of Children's Medical Research Institute and Newcastle Innovation Ltd.

製品の特性

体系名	<i>N,N'</i> -(Ethane-1,2-diyl)bis(7,8-dihydroxy-2-imino-2 <i>H</i> -chromene-3-carboxamide)
分子量	446.41
構造式	



分子式	C ₂₂ H ₁₈ N ₄ O ₈
CAS 番号	1227697-48-4
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 25 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

Oc2ccc1C=C(C(=N)Oc1c2O)C(=O)NCCNC(=O)C3=Cc4ccc(O)c(O)c4OC3=N

由来

Synthetic

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab120462** 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 iminodan 17™ (ab120462), by ICC/IF. No change in PAI1 expression was observed with incubation with iminodan 17™, as described in literature.

The cells were incubated at 37°C for 48h in media containing different concentrations of ab120462 (Iminodan-17™) 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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