

Exo-1, Vesicular trafficking inhibitor ab120292

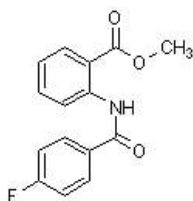
[2 References](#) [2 图像](#)

概述

产品名称	Exo-1, Vesicular trafficking抑制剂
描述	Vesicular trafficking抑制剂
生物学描述	Cell-permeable, reversible inhibitor of vesicular trafficking between endoplasmic reticulum and the Golgi apparatus. Inhibits exocytosis with an IC_{50} of approx. 20 μ M. Rapidly releases Arf1 from Golgi membranes. Has similar mechanism of action to brefeldin A (ab120299).

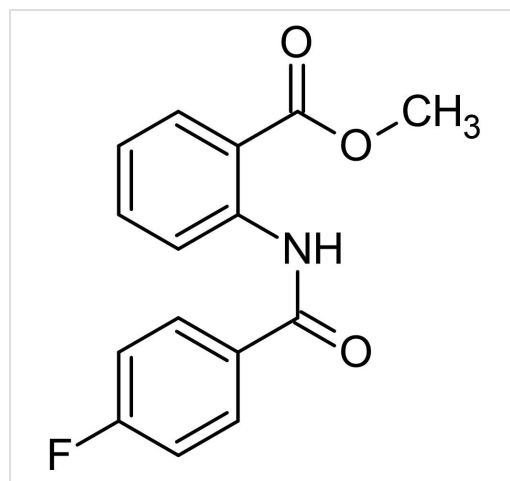
CAS编号 461681-88-9

化学结构



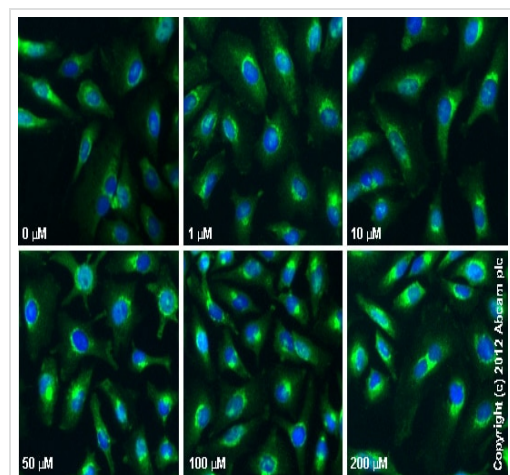
性能

化学名称	Methyl 2-(4-fluorobenzamido)benzoate
分子量	273.26
分子式	$C_{15}H_{12}FNO_3$
PubChem识别号	310557
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol to 25 mM
处理	<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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>O=C(Nc1cccc1C(=O)OC)c2ccc(F)cc2</chem>
来源	Synthetic



Chemical Structure - Exo-1, Vesicular trafficking inhibitor (ab120292)

2D chemical structure image of ab120292, Exo-1, Vesicular trafficking inhibitor



Immunocytochemistry/ Immunofluorescence - Exo-1, Vesicular trafficking inhibitor (ab120292)

ab86071 staining GBF1 in HeLa cells treated with Exo-1 (ab120292), by ICC/IF. Increase in GBF1 expression correlates with increased concentration of Exo-1 as described in literature. The cells were incubated at 37°C for 5 minutes in media containing different concentrations of ab120292 (Exo-1) 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 **ab86071** (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.

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