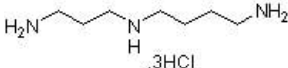


Spermidine hydrochloride, nNOS inhibitor ab120057

[1 References](#) [2 图像](#)

概述

产品名称	Spermidine hydrochloride, nNOS抑制剂
描述	Endogenous polyamine. nNOS抑制剂.
生物学描述	Endogenous polyamine, that binds to the polyamine modulatory site of the NMDA receptor. Inhibits neuronal nitric oxide synthase (nNOS). Binds and precipitates DNA; may be used for purification of DNA binding proteins.
CAS编号	334-50-9
化学结构	

性能

化学名称	<i>N</i> -(3-Aminopropyl)butane-1,4-diamine trihydrochloride
分子量	254.63
分子式	C ₇ H ₁₉ N ₃ ·3HCl
PubChem识别号	9539
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	NCCCCCCCCN.Cl.Cl.Cl
来源	Synthetic

应用

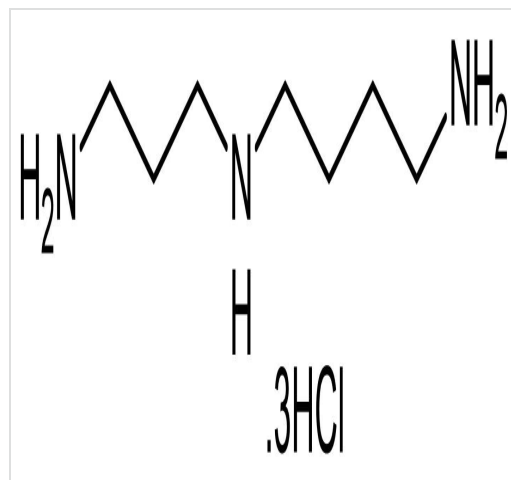
The Abpromise guarantee

Abpromise™ 承诺保证使用 ab120057 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

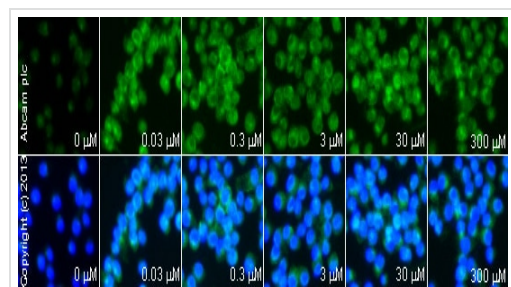
应用	Ab 评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab120057, Spermidine hydrochloride, nNOS inhibitor

Chemical Structure - Spermidine hydrochloride, nNOS inhibitor (ab120057)



Functional Studies - Spermidine hydrochloride, nNOS inhibitor (ab120057)

ab9969 staining IL10 in RAW 246.7 cells treated with spermidine hydrochloride (ab120057), by ICC/IF. Increase in IL10 expression correlates with increased concentration of spermidine hydrochloride, as described in literature.

The cells were incubated at 37°C for 24 hour in media containing different concentrations of ab120057 (spermidine hydrochloride) 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 **ab9969** (1 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 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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