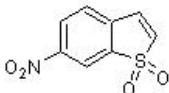


Stattic, STAT3 inhibitor ab120952

★★★★★ [1 Abreviews](#) [29 References](#) [2 图像](#)

概述

产品名称	Stattic, STAT3抑制剂
描述	Selective STAT3抑制剂
纯度	> 99%
CAS编号	19983-44-9
化学结构	

性能

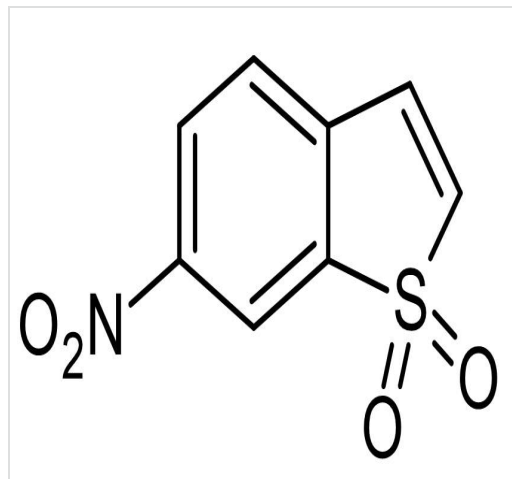
化学名称	6-Nitrobenzo[b]thiophene-1,1-dioxide
分子量	211.19
分子式	C ₈ H ₅ NO ₄ S
PubChem识别号	2779853
存放说明	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
溶解度概述	Soluble in DMSO to 50 mM
处理	<p>Wherever possible, you 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	[O-][N+](=O)c1ccc2C=CS(=O)(=O)c2c1
来源	Synthetic

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。

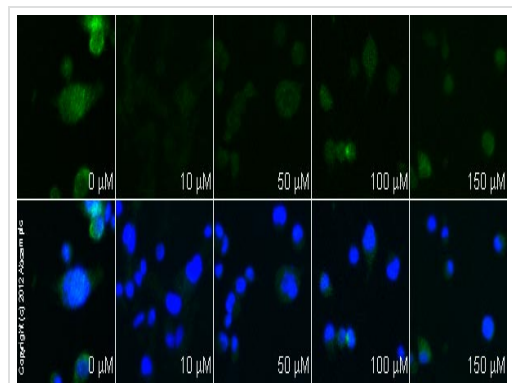
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab120952, Stattic, STAT3 inhibitor

Chemical Structure - Stattic, STAT3 inhibitor
(ab120952)



Functional Studies - Stattic, STAT3 inhibitor
(ab120952)

ab76315 staining STAT3 (phospho Y705) in MDA-MB-231 cells treated with stattic (ab120952), by ICC/IF. Decrease in STAT3 (phospho Y705) expression correlates with increased concentration of stattic as described in literature.

The cells were incubated at 37°C for 2h in media containing different concentrations of ab120952 (stattic) 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 **ab76315** (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. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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