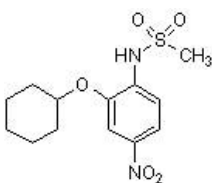


NS 398, COX-2 inhibitor ab120295

4 References **2 图像**

概述

产品名称	NS 398, COX-2抑制剂
描述	COX-2抑制剂
生物学描述	Selective cyclooxygenase-2 inhibitor (IC ₅₀ values are 3.8 and >100 μM for COX-2 and COX-1, respectively). Orally active. Anti-inflammatory, antipyretic, analgesic and non-ulcerogenic <i>in vivo</i> . Induces apoptosis and cell cycle arrest.
CAS编号	123653-11-2
化学结构	

性能

化学名称	N-[2-(Cyclohexyloxy)-4-nitrophenyl]methanesulfonamide
分子量	314.36
分子式	C ₁₃ H ₁₈ N ₂ O ₅ S
PubChem识别号	4553
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
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-][N+](=O)c2cc(OC1CCCCC1)c(NS(C)(=O)=O)cc2</chem>
来源	Synthetic

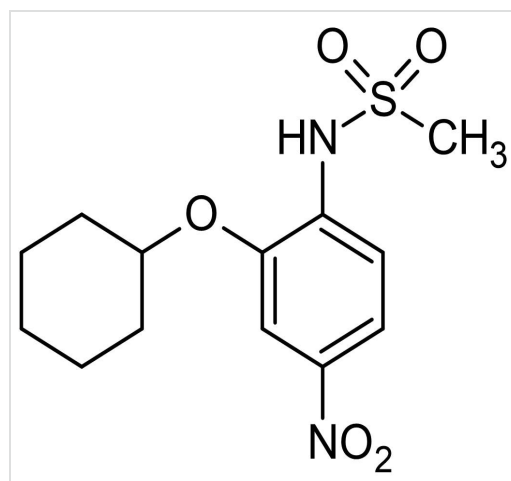
The Abpromise guarantee

Abpromise™承诺保证使用ab120295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。

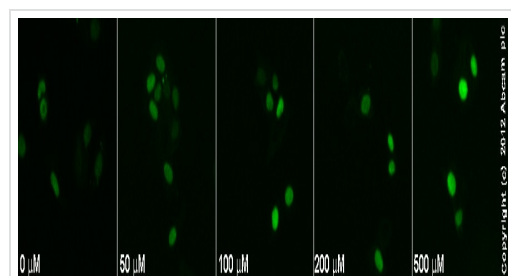
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - NS 398, COX-2 inhibitor
(ab120295)

2D chemical structure image of ab120295, NS 398, COX-2 inhibitor



Immunocytochemistry/ Immunofluorescence - NS
398, COX-2 inhibitor (ab120295)

ab32034 staining p27 KIP1 in MCF7 cells treated with NS 398 (ab120295), by ICC/IF. Increase in p27 KIP1 expression correlates with increased concentration of NS 398, as described in literature. The cells were incubated at 37°C for 6h in media containing different concentrations of ab120295 (NS 398) 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 **ab32034** (1/100 dilution) 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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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