

NS 398, COX-2 inhibitor ab120295

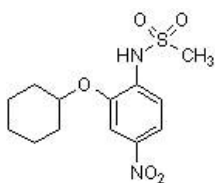
4 References 画像数 2

製品の概要

製品名	NS 398, COX-2 inhibitor
製品の詳細	COX-2 inhibitor
生理活性の詳細	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 番号 123653-11-2

構造式



製品の特性

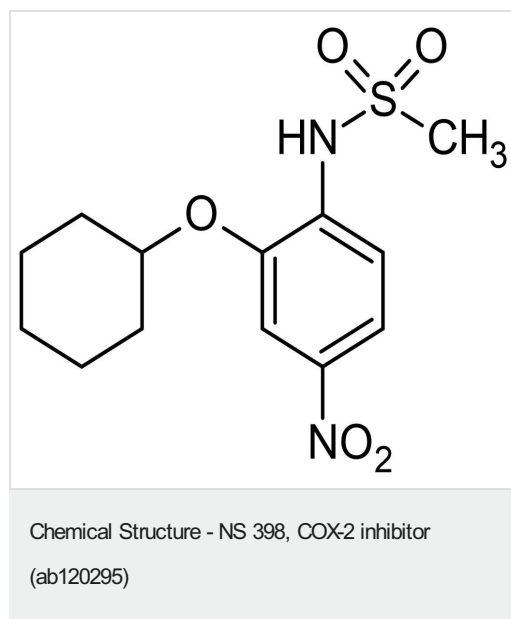
体系名	N-[2-(Cyclohexyloxy)-4-nitrophenyl]methanesulfonamide
分子量	314.36
分子式	C ₁₃ H ₁₈ N ₂ O ₅ S
PubChem 登録番号	4553
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 100 mM
使用に関する注意	<p>Wherever possible, you should prepare and use solutions on the same day. 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 線形表記	[O-][N+](=O)c2cc(OC1CCCCC1)c(NS(C)(=O)=O)cc2
由来	Synthetic

アプリケーション

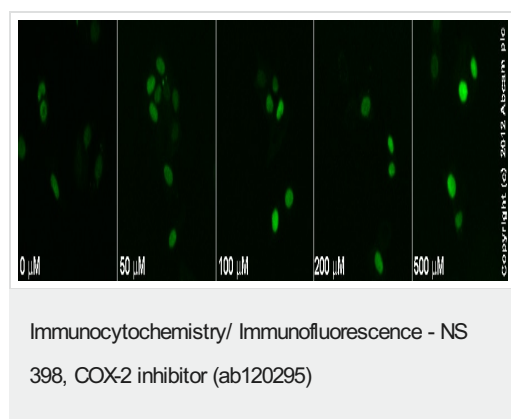
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab120295の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



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



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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