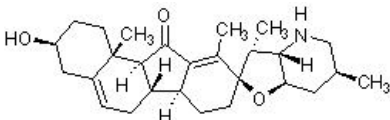


Jervine, Hedgehog (Hh) signaling inhibitor ab120815

2 图像

概述

产品名称	Jervine, Hedgehog (Hh) signaling抑制剂
描述	Smoothened抑制剂
生物学描述	Smoothened inhibitor (IC_{50} = 500-700 nM). Steroidal alkaloid. Prevents hedgehog signaling and therefore Gli1 transcription.
纯度	> 98%
CAS编号	469-59-0
化学结构	

性能

化学名称	(3 β ,23 β)-17,23-Epoxy-3-hydroxyveratraman-11-one
分子量	425.61
分子式	C ₂₇ H ₃₉ NO ₃
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 10 mM and in ethanol to 10 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>Toxic, 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>
来源	<i>Veratrum nigrum</i> L.

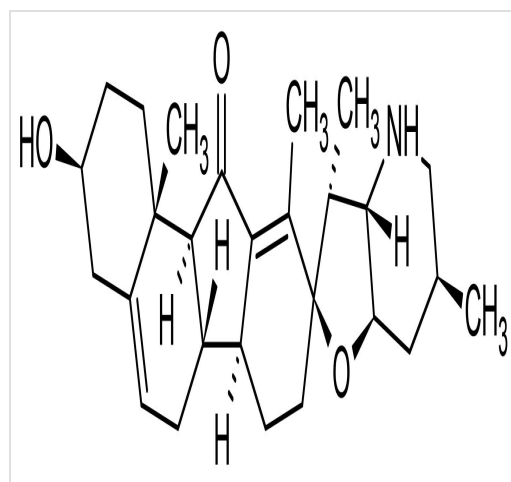
The Abpromise guarantee

Abpromise™承诺保证使用ab120815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。

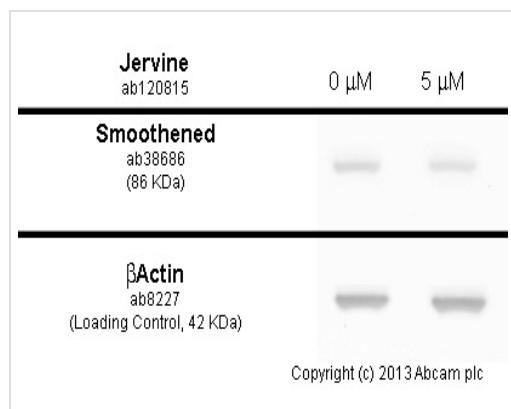
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - Jervine, Hedgehog (Hh)
signaling inhibitor (ab120815)

2D chemical structure image of ab120815, Jervine, Hedgehog (Hh)
signaling inhibitor



Functional Studies - Jervine, Hedgehog (Hh)
signaling inhibitor (ab120815)

NIH-3T3 cells were incubated at 37°C for 7h with vehicle control (0 μM) and 5 μM of jervine (ab120815) in DMSO. Decreased expression of smoothered ([ab38686](#)) in NIH-3T3 cells correlates with an increase in jervine concentration, as described in literature.

Whole cell lysates were prepared with RIPA buffer (containing protease inhibitors and sodium orthovanadate), 20 μg of each were loaded on the gel and the WB was run under reducing conditions. After transfer the membrane was blocked for an hour using 3% milk before being incubated with [ab38686](#) at 1 μg /ml and [ab8227](#) at 1 μg/ml overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP ([ab97051](#)) at 1/10000 dilution and visualised using ECL development solution.

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

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