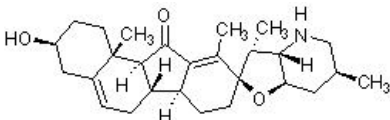


Jervine, Hedgehog (Hh) signaling inhibitor ab120815

画像数 2

製品の概要

製品名	Jervine, Hedgehog (Hh) signaling inhibitor
製品の詳細	Smoothened inhibitor
生理活性の詳細	Smoothened inhibitor (IC ₅₀ = 500-700 nM). Steroidal alkaloid. Prevents hedgehog signaling and therefore Gli1 transcription.
精製度	> 98%
CAS 番号	469-59-0
構造式	

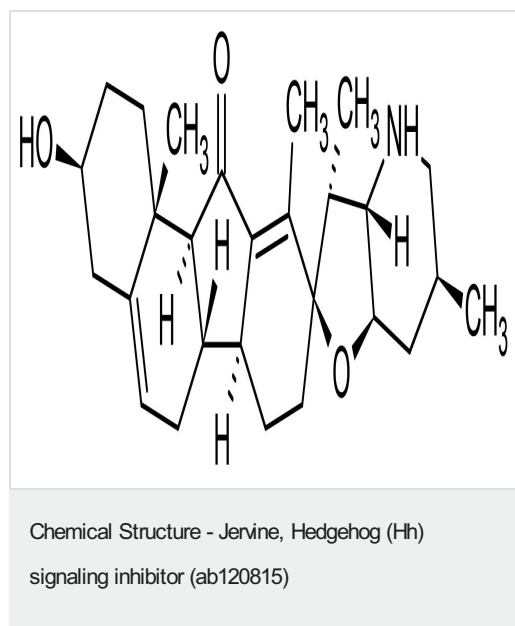
製品の特性

体系名	(3β,23β)-17,23-Epoxy-3-hydroxyveratraman-11-one
分子量	425.61
分子式	C ₂₇ H ₃₉ NO ₃
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 10 mM and in ethanol to 10 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>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>
由来	<i>Veratrum nigrum</i> L.

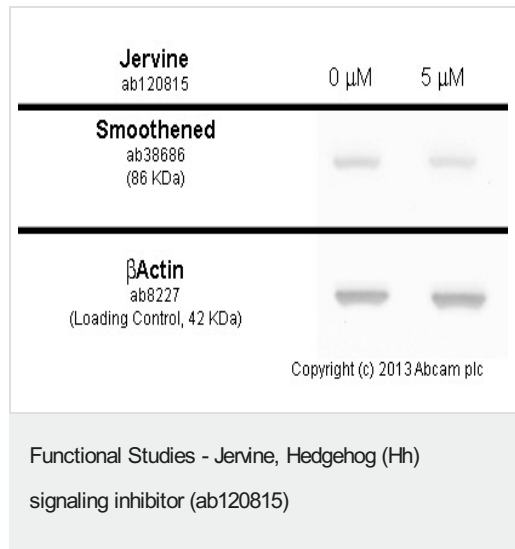
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab120815の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 ab120815, Jervine, Hedgehog (Hh) signaling inhibitor



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 smoothed ([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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