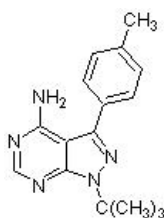


PP 1, Src family tyrosine kinase inhibitor ab120859

1 References **3 图像**

概述

产品名称	PP 1, Src family tyrosine kinase抑制剂
描述	Potent Src family tyrosine kinase抑制剂
纯度	> 98%
CAS编号	172889-26-8
化学结构	



性能

化学名称	1-(1,1-Dimethylethyl)-3-(4-methylphenyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine
分子量	281.36
分子式	C ₁₆ H ₁₉ N ₅
PubChem识别号	1400
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 25 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>
SMILES	<chem>Cc1ccc(cc1)c3nn(c2ncnc(N)c23)C(C)(C)C</chem>
来源	Synthetic

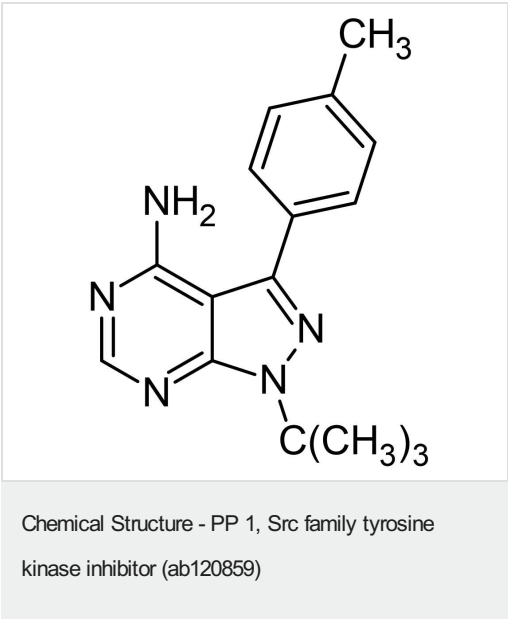
应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab120859于以下的经测试应用

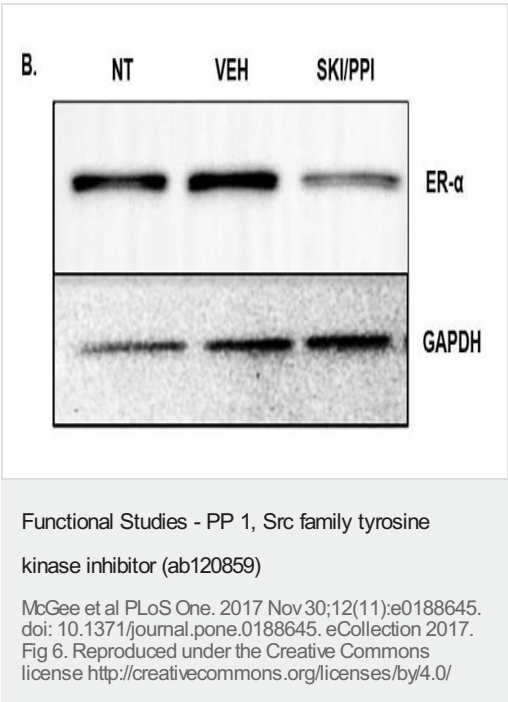
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

图片

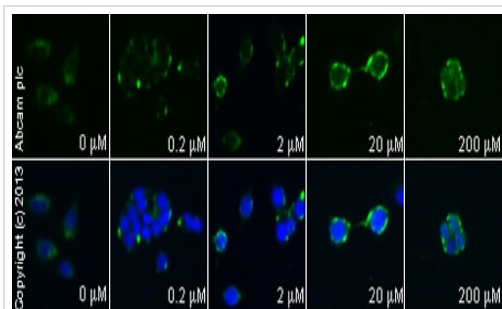


2D chemical structure image of ab120859, PP 1, Src family tyrosine kinase inhibitor



Herpes simplex virus-2 regulates ER-alpha and HA via Src kinase in ECT-1 cells.

(Panel B) ECT-1 cells were treated with vehicle (DMSO) or Src inhibitor (SKI/PP1). ER-alpha was quantified using densitometry following Western blot analysis (ANOVA with Tukey's multiple comparison; NT vs VEH, n.s.; NT vs SKI/PP1, p< .02; VEH vs SKI/PP1, p< .01).



Functional Studies - PP 1, Src family tyrosine kinase inhibitor (ab120859)

ab11512 staining E cadherin in SW480 cells treated with PP1 (ab120859), by ICC/IF. Increase of E cadherin expression correlates with increased concentration of PP1, as described in literature.

The cells were incubated at 37°C for 24h in media containing different concentrations of ab120859 (PP1) 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 **ab11512** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rat polyclonal antibody (**ab98386**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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