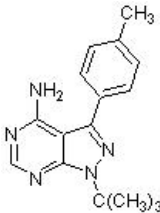


PP 1, Src family tyrosine kinase inhibitor ab120859

1 References [画像数 3](#)

製品の概要

製品名	PP 1, Src family tyrosine kinase inhibitor
製品の詳細	Potent Src family tyrosine kinase inhibitor
精製度	> 98%
CAS 番号	172889-26-8
構造式	

製品の特性

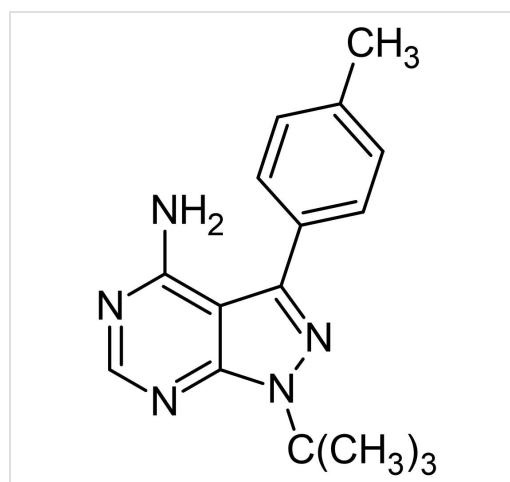
体系名	1-(1,1-Dimethylethyl)-3-(4-methylphenyl)-1 <i>H</i> -pyrazolo[3,4- <i>d</i>]pyrimidin-4-amine
分子量	281.36
分子式	C ₁₆ H ₁₉ N ₅
PubChem 登録番号	1400
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 25 mM and in ethanol to 10 mM
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>
SMILES 線形表記	<chem>Cc1ccc(cc1)c3nn(c2ncnc(N)c23)C(C)(C)C</chem>
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ab120859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。

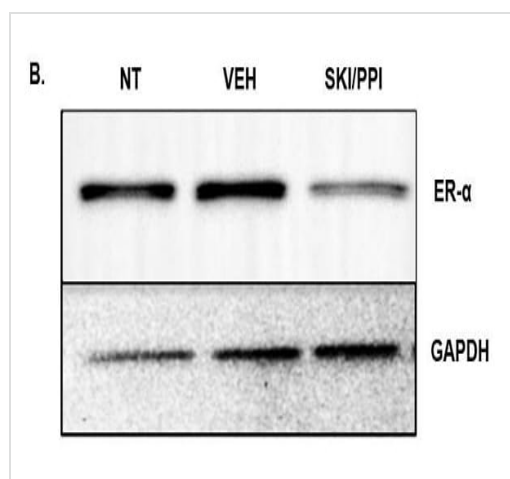
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



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

Chemical Structure - PP 1, Src family tyrosine kinase inhibitor (ab120859)

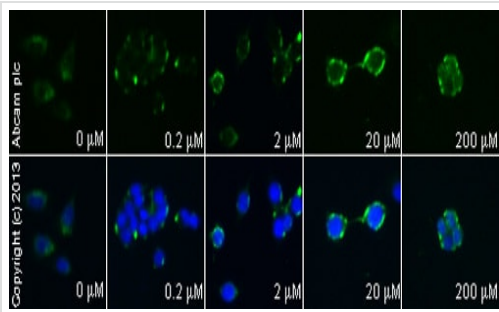


Herpes simplex virus-2 regulates ER-alpha and HA via Src kinase in ECT-1 cells.

(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)

McGee et al PLoS One. 2017 Nov 30;12(11):e0188645. doi: 10.1371/journal.pone.0188645. eCollection 2017. Fig 6. Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>



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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