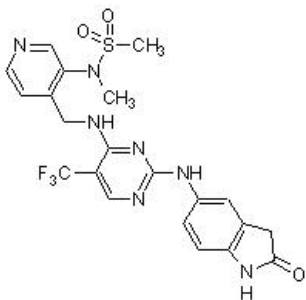


## Product datasheet

# PF-562271, ATP-competitive, reversible FAK Inhibitor ab141360

★★★★★ 1 Abreviews 4 References 1 Image

### Overview

<b>Product name</b>	PF-562271, ATP-competitive, reversible FAK Inhibitor
<b>Description</b>	Potent, selective ATP-competitive, reversible FAK Inhibitor
<b>Biological description</b>	Potent, selective ATP-competitive, reversible FAK Inhibitor (IC <sub>50</sub> values are 1.5, 13, 30, 47 and 58 nM for FAK, PYK2, CDK2, CDK2 and CDK1 respectively). Downregulates AKT/mTOR and CAS activity. Induces apoptosis. Shows antitumor effects <i>in vivo</i> . Orally active.
<b>Purity</b>	> 95%
<b>CAS Number</b>	717907-75-0
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	N-Methyl-N-[3-[[[2-[(2-oxo-1,3-dihydroindol-5-yl)amino]-5-(trifluoromethyl)pyrimidin-4-yl]amino]methyl]pyridin-2-yl]methanesulfonamide
<b>Molecular weight</b>	507.50
<b>Molecular formula</b>	C <sub>21</sub> H <sub>20</sub> F <sub>3</sub> N <sub>7</sub> O <sub>3</sub> S
<b>PubChem identifier</b>	11713159
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

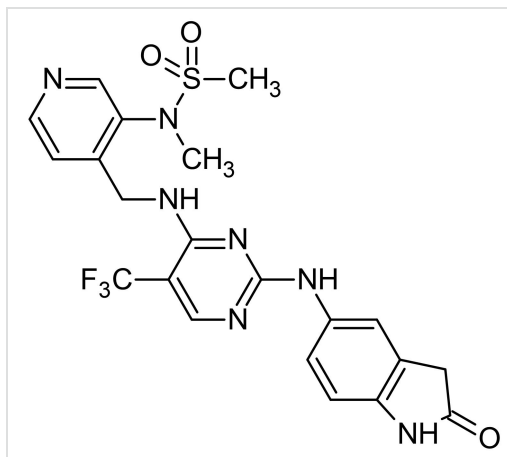
#### SMILES

CN(c1c(cccn1)CNc2c(cnc(n2)Nc3ccc4c(c3)CC(=O)N4)C(F)(F)F)S(=O)(=O)C

#### Source

Synthetic

#### Images



2D chemical structure image of ab141360, PF-562271, ATP-competitive, reversible FAK Inhibitor

Chemical Structure - PF-562271, ATP-competitive, reversible FAK Inhibitor (ab141360)

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

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