

Product:**WS6****ALTERNATE NAME:**

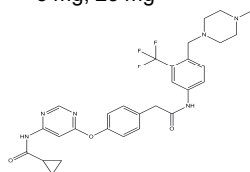
N-(6-(4-(2-((4-methylpiperazin-1-yl)methyl)-3-(trifluoromethyl)phenyl)amino)-2-oxoethyl)phenoxy)pyrimidin-4-yl)cyclopropanecarboxamide

CATALOG #:

2711-5, 25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:**C₂₉H₃₁F₃N₆O₃**MOLECULAR WEIGHT:**

568.59

CAS NUMBER:

1421227-53-3

APPEARANCE:

White to off-white solid

SOLUBILITY:

DMSO (~ 20 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from air and light

DESCRIPTION:

WS6 is a novel Inducer of β cell proliferation. In the RIP-DTA mouse model of β cell ablation, WS6 normalizes blood glucose and induces concomitant increases in β cell proliferation and β cell number. Affinity pulldown and kinase profiling studies implicate ErbB3 binding protein-1 and the I κ B kinase pathway in the mechanism of action of WS6.

REFERENCES:Shen, W., *et al.* (2013). *J. Am. Chem. Soc.* **135**, 1669-1672.**HANDLING:**

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Quick Cell Proliferation Colorimetric Assay Kit (**K301**)
Quick Cell Proliferation Colorimetric Assay Kit plus (**K302**)
Ready-to-use Cell Proliferation Reagent, WST-1 (**K304**)
VisionBlue™ Quick Cell Viability Fluorometric Assay Kit (**K303**)
MTS Cell Proliferation Colorimetric Assay Kit (**K301**)
ADP Colorimetric/Fluorometric Assay Kit (**K355**)
ApoSENSOR™ ATP Cell Viability Bioluminescence Assay Kit (**K254**)
ADP Colorimetric Assay Kit II (**K356**)
ApoSENSOR™ ADP/ATP Ratio Bioluminescence Assay Kit (**K255**)
StayBrite™ Highly Stable ATP Bioluminescence Assay kit (**K791**)
ATP Colorimetric Assay Kit II (**K354**)
WST-1 (**2198**)

FOR RESEARCH USE ONLY! Not to be used on humans.