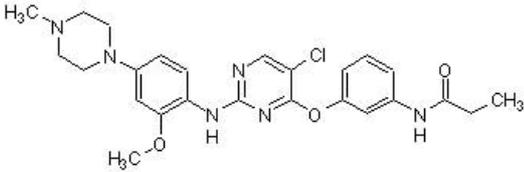


# WZ 4003, NUAK kinase inhibitor ab144820

[1 References](#) [1 Image](#)

### Overview

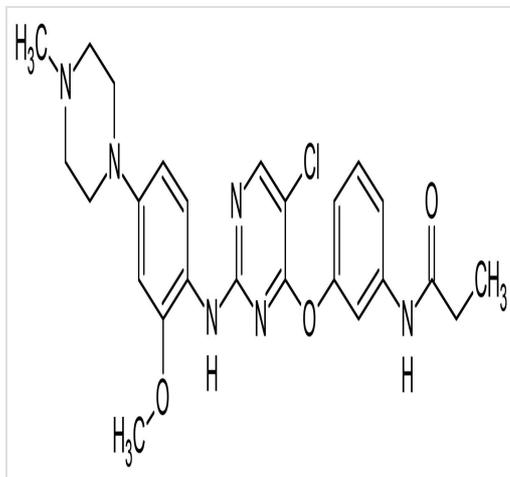
<b>Product name</b>	WZ 4003, NUAK kinase inhibitor
<b>Description</b>	Potent, selective NUAK kinase inhibitor
<b>Biological description</b>	Potent, selective NUAK kinase inhibitor (IC <sub>50</sub> values are 20 and 100 nM for NUAK1 and NUAK2, respectively). Impairs invasive potential of U2OS cells. Shows antiproliferative effects.
<b>Purity</b>	> 98%
<b>CAS Number</b>	1214265-58-3
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	<i>N</i> -[3-[[[5-Chloro-2-[[2-methoxy-4-(4-methyl-1-piperazinyl)phenyl]amino]-4-pyrimidinyl]oxy]phenyl]propanamide
<b>Molecular weight</b>	497.00
<b>Molecular formula</b>	C <sub>25</sub> H <sub>29</sub> ClN <sub>6</sub> O <sub>3</sub>
<b>PubChem identifier</b>	72200024
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 25 mM
<b>Handling</b>	<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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

**SMILES**CN1CCN(CC1)c4cc(OC)c(Nc3nc(Oc2cccc(NC(=O)CC)c2)c(Cl)cn3)cc4**Source**

Synthetic

**Images**

2D chemical structure image of ab144820, WZ 4003, NUAK kinase inhibitor

Chemical Structure - WZ 4003, NUAK kinase inhibitor (ab144820)

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

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