

## Product datasheet

### CHZ868 ab287065

#### Overview

<b>Product name</b>	CHZ868
<b>Description</b>	potent, selective type II JAK2 inhibitor
<b>Biological description</b>	CHZ868 is a potent and selective type II JAK2 inhibitor (IC <sub>50</sub> = 110 nM). JAK2 and MPL mutant cell lines are sensitive to CHZ868, including type I JAK inhibitor persistent cells. CHZ868 displays significant activity in murine MPN models and induces reductions in mutant allele burden not observed with type I JAK inhibitors.
<b>Purity</b>	>= 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called B2475 CHZ868. B2475-5 is the same size as the 5 mg size of ab287065.
<b>CAS Number</b>	1895895-38-1

#### Properties

<b>Chemical name</b>	<i>N</i> -[4-[2-(2,4-difluoroanilino)-1,4-dimethylbenzimidazol-5-yl]oxypyridin-2-yl]acetamide
<b>Molecular weight</b>	423.42
<b>Molecular formula</b>	C <sub>22</sub> H <sub>19</sub> F <sub>2</sub> N <sub>5</sub> O <sub>2</sub>
<b>PubChem identifier</b>	91885989
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Store In the Dark. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
<b>Solubility overview</b>	>100 mg/ml DMSO
<b>SMILES</b>	<chem>CC1=C(C=CC2=C1N=C(N2C)NC3=C(C=C(C=C3)F)F)OC4=CC(=NC=C4)NC(=O)C</chem>

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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