

## Product datasheet

# Nintedanib, triple angiokinase inhibitor ab229183

### Overview

<b>Product name</b>	Nintedanib, triple angiokinase inhibitor
<b>Description</b>	Potent triple angiokinase inhibitor
<b>Biological description</b>	Potent triple angiokinase inhibitor for VEGFR1/2/3, FGFR1/2/3 and PDGFR $\alpha/\beta$ (IC <sub>50</sub> of 34 nM/13 nM/13 nM, 69 nM/37 nM/108 nM and 59 nM/65 nM respectively in cell-free assays). Indolinone derivative.
<b>Purity</b>	> 99%
<b>CAS Number</b>	928326-83-4

### Properties

<b>Chemical name</b>	(Z)-3-((4-(N-Methyl-2-(4-methylpiperazin-1-yl)acetamido)phenylamino)(phenyl)methylene)-2-oxoindoline-6-carboxylate methyl ester
<b>Molecular weight</b>	539.62
<b>Molecular formula</b>	C <sub>31</sub> H <sub>33</sub> N <sub>5</sub> O <sub>4</sub>
<b>PubChem identifier</b>	9809715
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in DMSO to 10 mM and in ethanol to 5 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>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>CN1CCN(CC1)CC(=O)N(C)C2=CC=C(C=C2)N/C(=C\3/C4=C(C=C(C=C4)C(=O)OC)NC3=O)/C5=CC=CC=C5</chem>
<b>Source</b>	Synthetic

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

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