

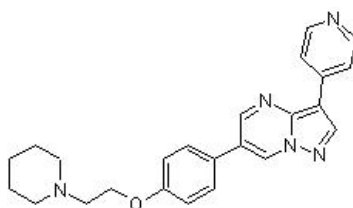
## Product datasheet

# Dorsomorphin (Compound C) (DMSO solution), AMP-kinase inhibitor ab146597

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

### Overview

<b>Product name</b>	Dorsomorphin (Compound C) (DMSO solution), AMP-kinase inhibitor
<b>Description</b>	Potent, selective and reversible AMP-kinase inhibitor. Selective for BMP signaling.
<b>Purity</b>	> 99%
<b>General notes</b>	A natural process can cause the product to crystallize out of solution. Should it happen, it is advised to heat the solution to approximately 55°C and let it cool down before use.
<b>CAS Number</b>	866405-64-3
<b>Chemical structure</b>	



### Properties

<b>Chemical name</b>	6-[4-[2-(1-Piperidinyl)ethoxy]phenyl]-3-(4-pyridinyl)pyrazolo[1,5-a]pyrimidine
<b>Molecular weight</b>	399.49
<b>Molecular formula</b>	C <sub>24</sub> H <sub>25</sub> N <sub>5</sub> O
<b>PubChem identifier</b>	11524144
<b>Storage instructions</b>	Store at -20°C. Store In the Dark. Store under desiccating conditions. 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>	Supplied in DMSO (10mM)
<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</a></p>

[questions \(FAQ\) page](#) for more details.

**SMILES**

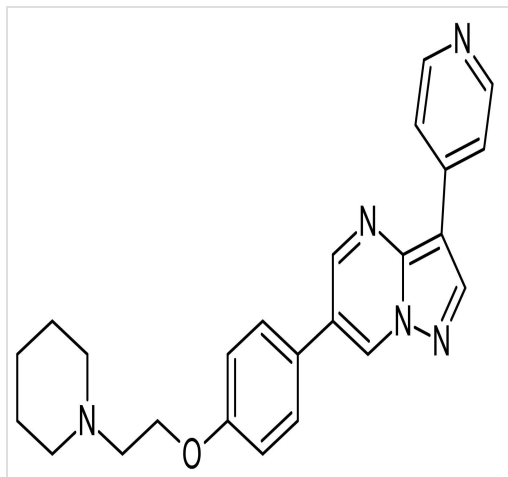
c1c(cnc2c(cnn12)c3ccncc3)c5ccc(OCCN4CCCCC4)cc5

**Source**

Synthetic

**Images**

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2D chemical structure image of ab146597, Dorsomorphin (Compound C) (DMSO solution), AMP-kinase inhibitor

Chemical Structure - Dorsomorphin (Compound C)  
(DMSO solution), AMP-kinase inhibitor (ab146597)

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

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