

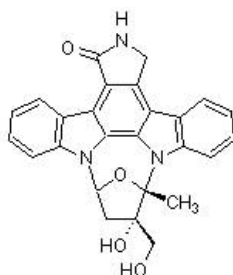
Product datasheet

# Lestaurtinib, JAK2, FLT3 and TrkA receptor tyrosine kinase inhibitor ab142107

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

## Overview

<b>Product name</b>	Lestaurtinib, JAK2, FLT3 and TrkA receptor tyrosine kinase inhibitor
<b>Description</b>	Potent JAK2, FLT3 and TrkA receptor tyrosine kinase inhibitor
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 1805 Lestaurtinib. 1805-500 is the same size as the 500 µg size of ab142107.
<b>CAS Number</b>	111358-88-4
<b>Chemical structure</b>	



## Properties

<b>Chemical name</b>	(9 <i>S</i> ,10 <i>S</i> ,12 <i>R</i> )-2,3,9,10,11,12-Hexahydro-10-hydroxy-10-(hydroxymethyl)-9-methyl-9,12-epoxy-1 <i>H</i> -diindolo[1,2,3- <i>fg</i> :3',2',1'- <i>kl</i> ]pyrrolo[3,4- <i>l</i> ][1,6]benzodiazocin-1-one
<b>Molecular weight</b>	439.46
<b>Molecular formula</b>	C <sub>26</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>
<b>PubChem identifier</b>	126565
<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 10 mM
<b>Handling</b>	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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

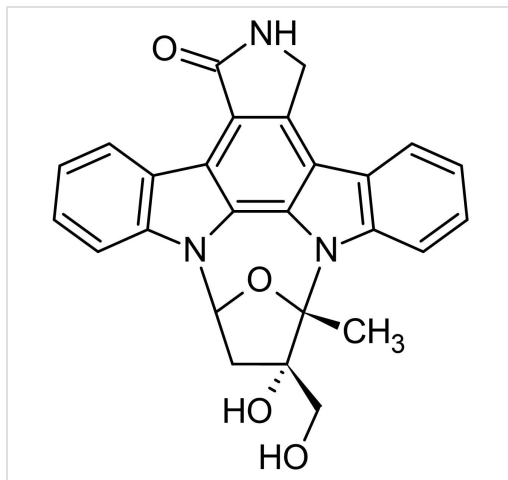
**SMILES**

CC12C(CC(O1)N3C4=CC=CC=C4C5=C6C(=C7C8=CC=CC=C8N2C7=C53)CNC6=O)(CO)O

**Source**

Synthetic

**Images**



2D chemical structure image of ab142107, Lestaurtinib, JAK2, FLT3 and TrkA receptor tyrosine kinase inhibitor

Chemical Structure - Lestaurtinib, JAK2, FLT3 and TrkA receptor tyrosine kinase inhibitor (ab142107)

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