

Product datasheet

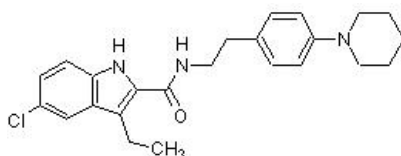
# Org 27569, CB1 receptor allosteric modulator ab120342

1 Image

## Overview

<b>Product name</b>	Org 27569, CB1 receptor allosteric modulator
<b>Description</b>	Potent CB <sub>1</sub> receptor allosteric modulator
<b>Biological description</b>	Potent CB <sub>1</sub> receptor allosteric modulator (pEC <sub>50</sub> = 8.24). Significantly increases binding of the CB <sub>1</sub> agonist [ <sup>3</sup> H]CP 55,940 (pK <sub>b</sub> = 5.67) and decreases binding of the CB <sub>1</sub> inverse agonist [ <sup>3</sup> H]SR 141716A (pK <sub>b</sub> = 5.95). Behaves as an insurmountable antagonist of receptor function in <i>in vitro</i> assays.
<b>CAS Number</b>	868273-06-7

## Chemical structure

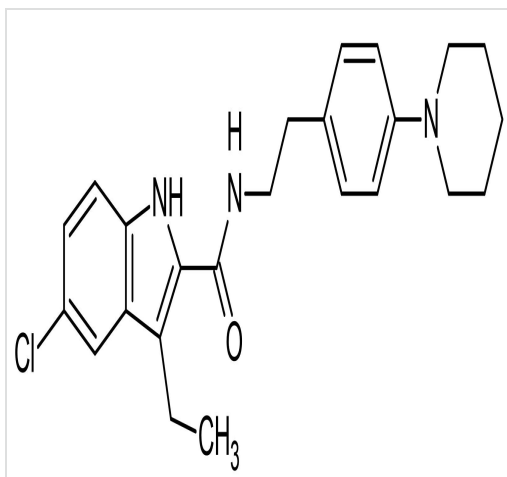


## Properties

<b>Chemical name</b>	5-Chloro-3-ethyl-N-[2-[4-(1-piperidinyl)phenyl]ethyl]-1H-indole-2-carboxamide
<b>Molecular weight</b>	409.96
<b>Molecular formula</b>	C <sub>24</sub> H <sub>28</sub> ClN <sub>3</sub> O
<b>PubChem identifier</b>	44828492
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 50 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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>Clc1cc2c(CC)c(nc2cc1)C(=O)NCCCc3ccc(cc3)N4CCCCC4</chem>
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab120342, Org 27569, CB<sub>1</sub> receptor allosteric modulator

Chemical Structure - Org 27569, CB<sub>1</sub> receptor  
allosteric modulator (ab120342)

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