

## Product datasheet

# CDPPB, positive allosteric modulator for mGlu5

## ab120363

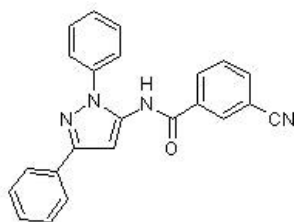
[1 Image](#)

### Overview

<b>Product name</b>	CDPPB, positive allosteric modulator for mGlu5
<b>Description</b>	PAM for mGlu <sub>5</sub> . Active <i>in vivo</i> .
<b>Biological description</b>	Potent, selective, positive allosteric modulator for mGlu <sub>5</sub> . In CHO cells expressing mGlu <sub>5</sub> receptors, potentiates threshold responses to glutamate in fluorometric Ca <sup>2+</sup> assays more than 7-fold (EC <sub>50</sub> approximately 27 nM). Acts as mGlu <sub>5</sub> agonist at higher concentrations. Brain penetrant and antipsychotic <i>in vivo</i> .

**CAS Number** 781652-57-1

### Chemical structure



### Properties

<b>Chemical name</b>	3-Cyano- <i>N</i> -(1,3-diphenyl-1 <i>H</i> -pyrazol-5-yl)benzamide
<b>Molecular weight</b>	364.41
<b>Molecular formula</b>	C <sub>23</sub> H <sub>16</sub> N <sub>4</sub> O
<b>PubChem identifier</b>	11245456
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 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.  Refer to SDS for further information.

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

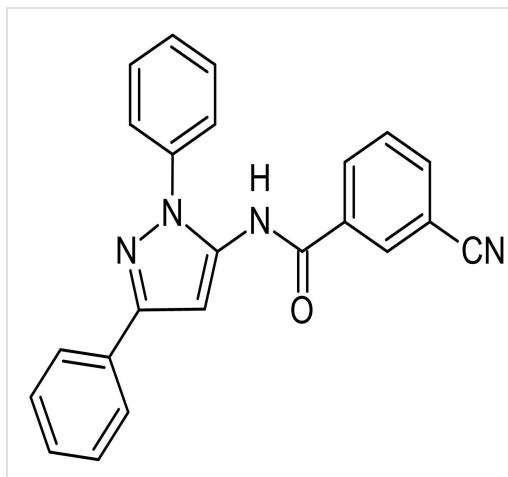
#### SMILES

N#Cc1cccc(c1)C(=O)Nc3cc(nn3c2ccccc2)c4ccccc4

#### Source

Synthetic

#### Images



Chemical Structure - CDPPB, positive allosteric modulator for mGlu<sub>5</sub> (ab120363)

2D chemical structure image of ab120363, CDPPB, positive allosteric modulator for mGlu<sub>5</sub>

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