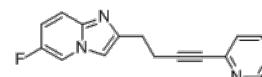


**Product Name** : Dipraglurant  
**Cat. No.** : PC-49069  
**CAS No.** : 872363-17-2  
**Molecular Formula** : C<sub>16</sub>H<sub>12</sub>FN<sub>3</sub>  
**Molecular Weight** : 265.291  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Dipraglurant (ADX48621) is a negative allosteric modulator (NAM) of metabotropic glutamate 5 (**mGlu5**) receptor with IC<sub>50</sub> of 21 nM.

Dipraglurant (ADX48621) shows potential for the treatment of Parkinson's disease levodopa-induced dyskinesia (PD-LID).

## References

Sciamanna G, et al. *Neuropharmacology*. 2014 Oct;85:440-50.

Pourmirbabaei S, et al. *Eur J Pharmacol*. 2019 Jul 15;855:149-159.

Bezard E, et al. *Mov Disord*. 2014 Jul;29(8):1074-9.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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