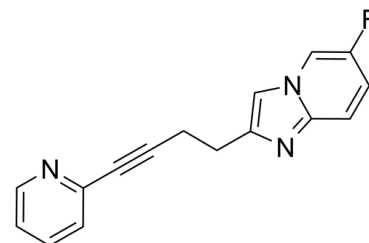


## Data Sheet

Product Name:	Dipraglurant
Cat. No.:	CS-0690
CAS No.:	872363-17-2
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> FN <sub>3</sub>
Molecular Weight:	265.29
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : ≥ 40 mg/mL (150.78 mM)



### BIOLOGICAL ACTIVITY:

Dipraglurant (ADX 48621) is a mGluR5 antagonist with IC<sub>50</sub> of 0.021 μM. IC<sub>50</sub> Value: 0.021 μM [1] Target: mGluR Dipraglurant (ADX-48621) from Addex Therapeutics showed in vivo activity in different anxiety models in rats and is currently in phase II for the treatment of dyskinesia in Parkinson's disease.

### References:

[1]. The Synthesis and Use of Certain Pyridine Derivatives as Modulators of the G-protein Coupled Receptors mGlu5 and P2Y<sub>12</sub>

### CAIndexNames:

Imidazo[1,2-a]pyridine, 6-fluoro-2-[4-(2-pyridinyl)-3-butyn-1-yl]-

### SMILES:

FC1=CN2C(C=C1)=NC(CCC#CC3=NC=CC=C3)=C2

**Caution: Product has not been fully validated for medical applications. For research use only.**

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