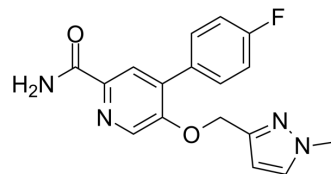


## VU6001966

Cat. No.:	HY-120717
CAS No.:	2009052-76-8
Molecular Formula:	C <sub>17</sub> H <sub>15</sub> FN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	326.33
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

**Description** VU6001966 (compound 15m) is a potent and cross the blood-brain barrier mGlu2 (metabotropic glutamate receptor 2) negative allosteric modulator with IC<sub>50</sub>s of 78 nM and >30 μM for mGlu2 and mGlu3, respectively. VU6001966 can serve as an mGlu2 PET tracer<sup>[1]</sup>.

<b>IC<sub>50</sub> &amp; Target</b>	mGluR2	mGluR3
	78 nM (IC <sub>50</sub> )	>30 μM (IC <sub>50</sub> )

## REFERENCES

[1]. Bollinger KA, et al. Design and Synthesis of mGlu2 NAMs with Improved Potency and CNS Penetration Based on a Truncated Picolinamide Core. ACS Med Chem Lett. 2017 Aug 3;8(9):919-924.

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

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