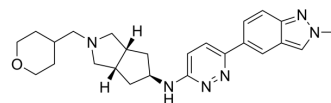


## VU6021625

Cat. No.:	HY-160440A
CAS No.:	2803696-99-1
Molecular Formula:	C <sub>25</sub> H <sub>32</sub> N <sub>6</sub> O
Molecular Weight:	432.56
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	VU6021625 is a selective antagonist muscarinic acetylcholine receptors (mAChRs), with the IC <sub>50</sub> value of 0.44 nM, 57 nM for human M4 and rat M4, respectively <sup>[1]</sup> .
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### REFERENCES

[1]. Mark S Moehle, et al. Discovery of the First Selective M4 Muscarinic Acetylcholine Receptor Antagonists with in Vivo Antiparkinsonian and Antidystonic Efficacy. ACS Pharmacol Transl Sci. 2021 Aug 2;4(4):1306-1321.

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

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