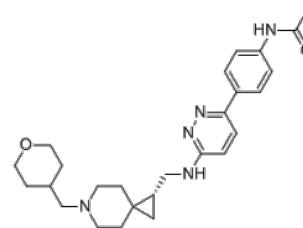


**Product Name** : VU6015241  
**Cat. No.** : PC-72662  
**CAS No.** : 2264025-00-3  
**Molecular Formula** : C<sub>26</sub>H<sub>35</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 449.599  
**Target** : mAChR  
**Solubility** : 10 mM in DMSO



## Biological Activity

VU6015241 (VU 6015241) is a highly potent and selective antagonist of **M4 muscarinic acetylcholine receptor (mAChR4)** with IC<sub>50</sub> of 71 nM.

VU6015241 demonstrates selectivity across multiple species, excellent aqueous solubility, and moderate brain exposure in rodents after intraperitoneal administration.

## References

Aaron M Bender, et al. *Bioorg Med Chem Lett*. 2022 Jan 15;56:128479.

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

E-mail: tech@probechem.com