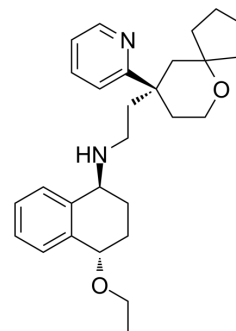


## Tegileridine

Cat. No.:	HY-145600
CAS No.:	2095345-66-5
Molecular Formula:	C <sub>28</sub> H <sub>38</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	434.61
Target:	Opioid Receptor; Arrestin
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tegileridine is the potent agonist of opioid receptor (MOR). Tegileridine is an oxa spiro derivative which reduces the side effects mediated by $\beta$ -arrestin. Tegileridine has the potential for the research of pains and pains-related diseases (extracted from patent WO2017063509A1) <sup>[1]</sup> .
IC <sub>50</sub> & Target	$\mu$ Opioid Receptor/MOR

### REFERENCES

[1]. Li, Xin, et al. Oxa spiro derivative, preparation method therefor, and applications thereof in medicines. Patent WO2017063509A1.

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

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