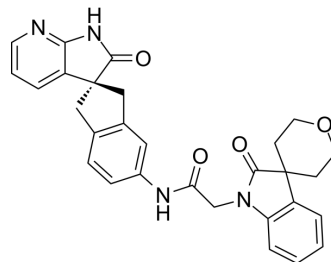


## CGRP antagonist 1

Cat. No.:	HY-112262
CAS No.:	1123757-49-2
Molecular Formula:	C <sub>29</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	494.54
Target:	CGRP Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CGRP antagonist 1 (compound 21) is a highly potent CGRP receptor antagonist with a K <sub>i</sub> and an IC <sub>50</sub> of 1.7 nM and 5.7 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.7 nM (CGRP receptor) <sup>[1]</sup> K <sub>i</sub> : 5.7 nM(CGRP receptor, cAMP) <sup>[1]</sup>
In Vitro	CGRP antagonist 1 is compound 20 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Stump CA, et al. The discovery of highly potent CGRP receptor antagonists. *Bioorg Med Chem Lett*. 2009 Jan 1;19(1):214-7.

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

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