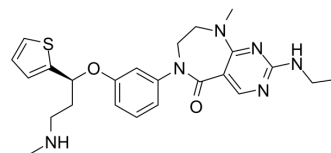


## Cav $\alpha$ 2 $\delta$ 1&NET-IN-3

Cat. No.:	HY-148866
CAS No.:	2143584-82-9
Molecular Formula:	C <sub>24</sub> H <sub>30</sub> N <sub>6</sub> O <sub>2</sub> S
Molecular Weight:	466.6
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Cav $\alpha$ 2 $\delta$ 1&NET-IN-3 (example 216) is an inhibitor of the subunit $\alpha$ 2 $\delta$ of voltage-gated calcium channels (VGCC) and noradrenaline transporter (NET). Cav $\alpha$ 2 $\delta$ 1&NET-IN-3 has K <sub>i</sub> s of 100-500 nM for human $\alpha$ 2 $\delta$ -1 subunit of Ca <sub>v</sub> 2.2 calcium channel and NET, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	Calcium Channel

### REFERENCES

[1]. Félix CUEVAS-CORDOBÉS, et al. Tetrahydropyrimidodiazepine and tetrahydropyridodiazepine compounds for treating pain and pain related conditions. WO2017191304A1.

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

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