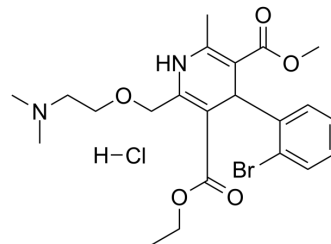


## UK-59811 hydrochloride

Cat. No.:	HY-136189
CAS No.:	2250025-89-7
Molecular Formula:	C <sub>22</sub> H <sub>30</sub> BrClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	517.84
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	UK-59811 hydrochloride, a Br-dihydropyridine derivative, is a potent bacterial homotetrameric model voltage-gated Ca <sup>2+</sup> (Ca <sub>v</sub> ) channel Ca <sub>v</sub> Ab inhibitor with an IC <sub>50</sub> of 194 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 194 nM (Ca <sub>v</sub> Ab) <sup>[1]</sup>

### REFERENCES

[1]. Lin Tang, et al. Structural basis for inhibition of a voltage-gated Ca<sup>2+</sup> channel by Ca<sup>2+</sup> antagonist drugs. Nature. 2016 Sep 1;537(7618):117-121.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA