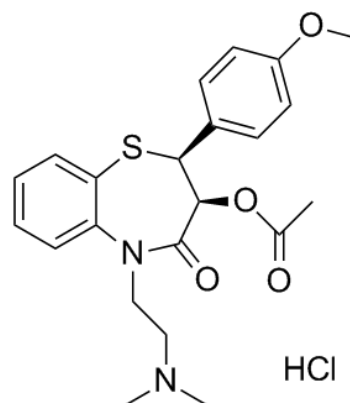


**Product Name** : Diltiazem hydrochloride  
**Cat. No.** : PC-44015  
**CAS No.** : 33286-22-5  
**Molecular Formula** : C<sub>22</sub>H<sub>27</sub>ClN<sub>2</sub>O<sub>4</sub>S  
**Molecular Weight** : 450.9788  
**Target** : Calcium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

A postsynaptic muscle relaxant that inhibits Ca<sup>2+</sup> ions release from sarcoplasmic reticulum stores; antagonizes ryanodine receptors; can prevent cell death in neural progenitor cells derived from Wolfram syndrome iPS cells.

Hypertension

Approved

## References

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Zucchi R, et al. Pharmacol Rev. 1997 Mar;49(1):1-51.

Krause T, et al. Anaesthesia. 2004 Apr;59(4):364-73.

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

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