

## Magnesium chloride hexahydrate, for cell culture

<b>Cat. No.:</b>	HY-W019981C
<b>CAS No.:</b>	7791-18-6
<b>Molecular Formula:</b>	Cl <sub>2</sub> H <sub>12</sub> MgO <sub>6</sub>
<b>Molecular Weight:</b>	203.3
<b>Target:</b>	Calcium Channel
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Magnesium chloride hexahydrate, for cell culture is the hexahydrate form of magnesium dichloride. Magnesium chloride hexahydrate, for cell culture can be used as a source of magnesium ion and a co-factor for many enzymes. Magnesium chloride hexahydrate, for cell culture increases the activity of Ca<sup>2+</sup> ATPase<sup>[1]</sup>.

### REFERENCES

[1]. Ajilore BS, et al. Effects of magnesium chloride on in vitro cholinesterase and ATPase poisoning by organophosphate (chlorpyrifos). *Pharmacol Res Perspect.* 2018 Apr 30;6(3):e00401.

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

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