

## Magnesium chloride

## Chemical Properties

CAS No. :	7786-30-3
Formula:	Cl <sub>2</sub> Mg
Molecular Weight:	95.21
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Magnesium chloride is a useful organic compound for research related to life sciences. The catalog number is T35376 and the CAS number is 7786-30-3.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 80 mg/mL (840.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.5031 mL	52.5155 mL	105.031 mL
5 mM	2.1006 mL	10.5031 mL	21.0062 mL
10 mM	1.0503 mL	5.2515 mL	10.5031 mL
50 mM	0.2101 mL	1.0503 mL	2.1006 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Takayoshi Tokutake, et al. PLoS One. 2016 Jun 29;11(6):e0157835.

Mitsubishi J. Media for insect cell cultures[M]//Advances in cell culture. Elsevier, 1982, 2: 133-196.

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