

## Magnesium sulfate, for cell culture

Cat. No.:	HY-Y1267D
CAS No.:	7487-88-9
Molecular Formula:	MgSO <sub>4</sub>
Molecular Weight:	120.37
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : ≥ 100 mg/mL (830.77 mM)  
\* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		8.3077 mL	41.5386 mL	83.0772 mL
	5 mM		1.6615 mL	8.3077 mL	16.6154 mL
	10 mM		0.8308 mL	4.1539 mL	8.3077 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Magnesium sulfate, suitable for cell culture, bioreagent. Magnesium sulfate is also widely used as a tocolytic agent<sup>[1]</sup>.

### REFERENCES

[1]. P S Ramsey, et al. Magnesium sulfate as a tocolytic agent. Semin Perinatol. 2002, 25, 4.

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

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