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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Magnesium sulfate, for cell culture

Cat. No.:	HY-Y1267D
CAS No.:	7487-88-9
Molecular Formula:	MgSO ₄
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

H₂O : ≥ 100 mg/mL (830.77 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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^[1].

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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