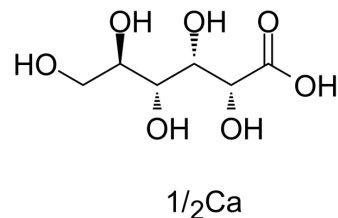


Gluconate Calcium

Cat. No.:	HY-B1092
CAS No.:	299-28-5
Molecular Formula:	C ₆ H ₁₂ O ₇ ·1/2Ca
Molecular Weight:	216.2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 20 mg/mL (92.51 mM; Need ultrasonic)
DMSO : 1 mg/mL (4.63 mM; ultrasonic and warming and heat to 80°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.6253 mL	23.1267 mL	46.2535 mL
	5 mM	0.9251 mL	4.6253 mL	9.2507 mL
	10 mM	0.4625 mL	2.3127 mL	4.6253 mL

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

BIOLOGICAL ACTIVITY

Description

Gluconate Calcium (Calcium D-gluconate) is a mineral supplement, manufactured by the neutralization of gluconic acid with lime or calcium carbonate.

IC₅₀ & Target

Human Endogenous Metabolite

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA