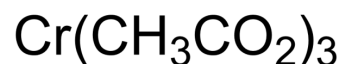


Chromium(III) acetate

Cat. No.:	HY-D1163
CAS No.:	1066-30-4
Molecular Formula:	C ₆ H ₉ CrO ₆
Molecular Weight:	229.13
Target:	Biochemical Assay Reagents
Pathway:	Others
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	DMSO : 14.29 mg/mL (62.37 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.3643 mL	21.8217 mL	43.6433 mL
		5 mM	0.8729 mL	4.3643 mL	8.7287 mL
		10 mM	0.4364 mL	2.1822 mL	4.3643 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.43 mg/mL (6.24 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.43 mg/mL (6.24 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Chromium(III) acetate (Chromic acetate) is an ionic crosslinker ^[1] .
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REFERENCES

[1]. Mahsa Baghban Salehi, et al. Rheological and transport properties of sulfonated polyacrylamide hydrogels for water shutoff in porous media. Polym. Adv. Technol. 2014, 25 396-405.

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

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