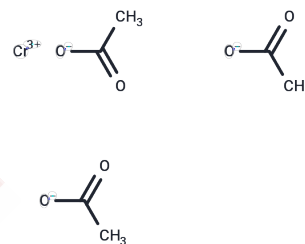


## Chromium(III) acetate

## Chemical Properties

CAS No. :	1066-30-4
Formula:	C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> .1/3Cr
Molecular Weight:	76.37
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	Chromium(III) acetate (Chromium acetate) is a small molecule ionic crosslinker that is used as a feedstock for the synthesis of other compounds.
Targets(IC50)	Others,AMPK

## Solubility Information

Solubility	DMSO: 10 mg/mL (130.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (13.09 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	13.0941 mL	65.4707 mL	130.9415 mL
5 mM	2.6188 mL	13.0941 mL	26.1883 mL
10 mM	1.3094 mL	6.5471 mL	13.0941 mL
50 mM	0.2619 mL	1.3094 mL	2.6188 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

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.

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