

## Product Data Sheet

Product Name: Gallium maltolate

Cat. No.: GC70257

### Chemical Properties

Cas. No. 108560-70-9

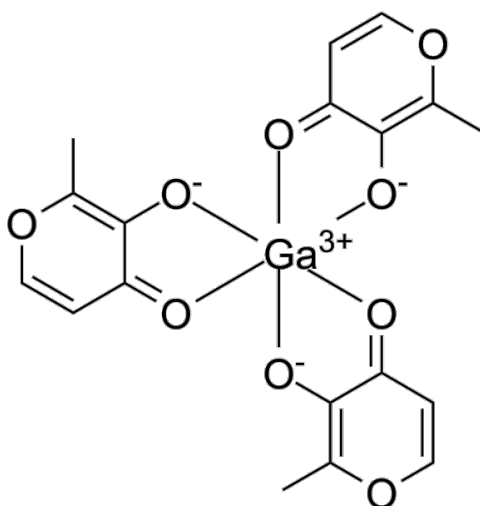
Formula  $C_{18}H_{15}GaO_9$  M.Wt 445.03

Solubility DMSO: >10mg/ml(Need ultrasonic); Storage 4°C, protect from light  
Water: >5mg/ml(Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

Gallium maltolate (GAM) is an apoptosis inducer with anti-cancer and anti-inflammatory activity. Gallium maltolate (GAM)-induced apoptosis involves the oxidative stress and p53 pathways.

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

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