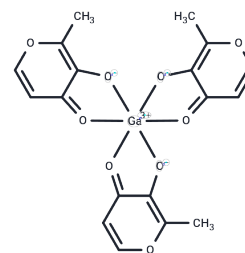


Gallium maltolate

Chemical Properties

CAS No. :	108560-70-9
Formula:	C ₁₈ H ₁₅ GaO ₉
Molecular Weight:	445.03
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Gallium maltolate is a ribonucleoside-diphosphate reductase inhibitor.
Targets(IC50)	DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 4.45 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.247 mL	11.2352 mL	22.4704 mL
5 mM	0.4494 mL	2.247 mL	4.4941 mL
10 mM	0.2247 mL	1.1235 mL	2.247 mL
50 mM	0.0449 mL	0.2247 mL	0.4494 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.

Reference

Picken C, et al. Adverse Events of Prostacyclin Mimetics in Pulmonary Arterial Hypertension: A Systematic Review and Meta-Analysis. J Clin Med. 2019 Apr 9;8(4). pii: E481.

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