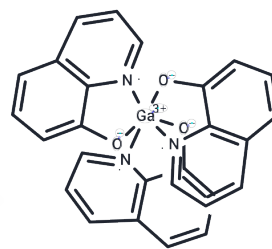


Gallium 8-Hydroxyquinolate

Chemical Properties

CAS No. :	14642-34-3
Formula:	C ₂₇ H ₁₈ GaN ₃ O ₃
Molecular Weight:	502.17
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	Gallium 8-Hydroxyquinolate is an inducer of apoptosis that initiates both p53-dependent and independent cell death in cancer cells through the induction of Ca ²⁺ signaling transduction. In addition to its apoptotic properties, this compound's nanostructures exhibit excellent optical performance, making it suitable for use in tumor research.
Targets(IC50)	Apoptosis, Calcium Channel, MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9914 mL	9.9568 mL	19.9136 mL
5 mM	0.3983 mL	1.9914 mL	3.9827 mL
10 mM	0.1991 mL	0.9957 mL	1.9914 mL
50 mM	0.0398 mL	0.1991 mL	0.3983 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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