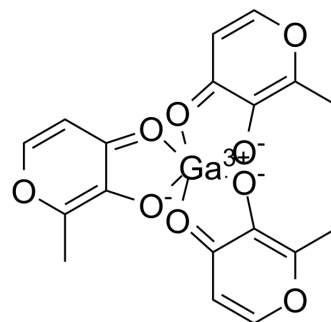


Gallium maltolate

Cat. No.:	HY-106426
CAS No.:	108560-70-9
Molecular Formula:	C ₁₈ H ₁₅ GaO ₉
Molecular Weight:	445.03
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

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^{[1][2]}.

REFERENCES

- [1]. Xuesong Wu, et al. Gallium maltolate inhibits human cutaneous T-cell lymphoma tumor development in mice. *J Invest Dermatol.* 2015 Mar;135(3):877-884.
- [2]. F Sampieri, et al. Efficacy of gallium maltolate against *Lawsonia intracellularis* infection in a rabbit model. *J Vet Pharmacol Ther.* 2014 Dec;37(6):571-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA