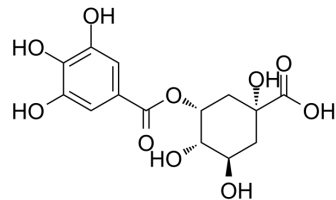


5-Galloylquinic acid

Cat. No.:	HY-122921
CAS No.:	53584-43-3
Molecular Formula:	C ₁₄ H ₁₆ O ₁₀
Molecular Weight:	344.27
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-Galloylquinic acid, an main scavenger of the reactive oxygen species (ROS) in green tea ^[1] .
IC ₅₀ & Target	ROS ^[1]
In Vitro	The main scavengers of the three ROS in green tea are 5-Galloylquinic acid, (-)-epigallocatechin-3-O-gallate, and (-)-epicatechin-3-O-gallate ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yu-Jie Guo, et al. An Integrated Antioxidant Activity Fingerprint for Commercial Teas Based on Their Capacities to Scavenge Reactive Oxygen Species.

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