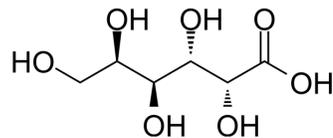


## Galactonic acid

Cat. No.:	HY-113043
CAS No.:	13382-27-9
Molecular Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>7</sub>
Molecular Weight:	196.16
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Galactonic acid is a sugar acid that is a metabolic breakdown product of galactose. Galactose dehydrogenase is responsible for converting galactose to galactonolactone, which then spontaneously or enzymatically converts to galactonic acid <sup>[1]</sup> .
IC <sub>50</sub> & Target	Microbial Metabolite

### REFERENCES

[1]. Liu P, et al. Valorization of *Gelidium amansii* for dual production of D-galactonic acid and 5-hydroxymethyl-2-furancarboxylic acid by chemo-biological approach. *Microb Cell Fact.* 2020 May 14;19(1):104.

**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