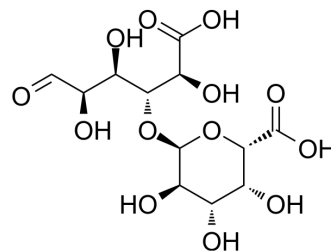


## Digalacturonic acid

Cat. No.:	HY-131591
CAS No.:	5894-59-7
Molecular Formula:	C <sub>12</sub> H <sub>18</sub> O <sub>13</sub>
Molecular Weight:	370.26
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Digalacturonic acid is a metabolite of pectin or pectic acid. Digalacturonic acid can be used for the co-crystallization of enzymes such as proteinase K <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

- [1]. Gouvion C, et, al. Conformational study of digalacturonic acid and sodium digalacturonate in solution. Carbohydr Res. 1994 Aug 17;261(2):187-202.
- [2]. Larson SB, et, al. High-resolution structure of proteinase K cocrystallized with digalacturonic acid. Acta Crystallogr Sect F Struct Biol Cryst Commun. 2009 Mar 1;65(Pt 3):192-8.

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

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