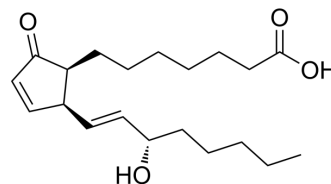


## 8-iso Prostaglandin A1

Cat. No.:	HY-114599
CAS No.:	211186-29-7
Molecular Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>4</sub>
Molecular Weight:	336
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

8-iso Prostaglandin A1 is an active substrate for Arabidopsis thaliana OPR3 (AtOPR3), with a  $K_M$  of 22  $\mu M$ <sup>[1]</sup>.

### REFERENCES

[1]. Han BW, et al. Crystal structure of Arabidopsis thaliana 12-oxophytodienoate reductase isoform 3 in complex with 8-iso prostaglandin A(1). Proteins. 2011 Nov;79(11):3236-41.

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

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