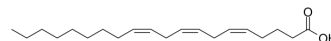


## Mead acid

Cat. No.:	HY-108398A
CAS No.:	20590-32-3
Molecular Formula:	C <sub>20</sub> H <sub>34</sub> O <sub>2</sub>
Molecular Weight:	306.48
Target:	Others
Pathway:	Others
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

Description	Mead acid (5,8,11-Eicosatrienoic acid), an unsaturated (Omega-9) fatty acid, is an indicator of essential fatty acid deficiency [1].
In Vivo	Mead acid (MA) suppresses KPL-1 human breast cancer cell growth in culture with an IC <sub>50</sub> value of 214.2 μM (65.7 μg/mL) for 72 h and significantly suppresses KPL-1 tumor growth and regional (axillary) lymph node metastasis in female athymic mice [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. J B Lefkowitz, et al. Essential fatty acid deficiency: a new look at an old problem. Prostaglandins Leukot Med. 1986 Aug;23(2-3):123-7.

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

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