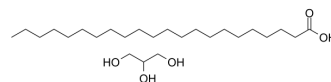


## Monobehenin

Cat. No.:	HY-20349
CAS No.:	30233-64-8
Molecular Formula:	C <sub>25</sub> H <sub>52</sub> O <sub>5</sub>
Molecular Weight:	432.68
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (insoluble or slightly soluble) H <sub>2</sub> O : < 0.1 mg/mL (insoluble)
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### BIOLOGICAL ACTIVITY

Description	Monobehenin, an bacterial biofilm formation inhibitor, has strong inhibitory activity toward bacterial biofilm formation of <i>S. mutans</i> , <i>X. oryzae</i> , and <i>Y. enterocolitica</i> in a strain specific manner <sup>[1]</sup> .
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### REFERENCES

[1]. Pivette P, et al. Polymorphism of glyceryl behenates: from the individual compounds to the pharmaceutical excipient. *Chem Phys Lipids*. 2014 Oct;183:191-203.

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

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