



## (E) -2-Decenoic acid

**Catalog No: tcsc0534** 

Available Sizes
Size: 25mg
Specifications
<b>CAS No:</b> 334-49-6
Formula: C <sub>10</sub> H <sub>18</sub> O <sub>2</sub>
Pathway: Others
<b>Target:</b> Others
Purity / Grade: >98%
Solubility: DMSO : 100 mg/mL (587.37 mM; Need ultrasonic)
Alternative Names: trans-2-Decenoic acid
Observed Molecular Weight: 170.25





## **Product Description**

(E)-2-Decenoic acid is an interesting fatty acid isolated from royal jelly secretions of honey bees.

In Vitro: (E)-2-Decenoic acid is isolated along with 10-hydroxy-trans-2-decenoic acid, a fatty acid unique to royal jelly. (E)-2-Decenoic acid and 10-hydroxy-trans-2-decenoic acid are both described to demonstrate estrogenic activity, where the fatty acids demonstrate inhibition of  $17\beta$ -estradiol binding to estrogen receptor- $\beta$ .

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!