Prosaikogenin F

**Cat. No.:** HY-N7666  
**CAS No.:** 99365-20-5  
**Molecular Formula:** C_{36}H_{58}O_{8}  
**Molecular Weight:** 618.84  
**Target:** Others  
**Pathway:** Others  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Prosaikogenin F is a monoglycoside with anticancer and hemolytic properties[1][2].</th>
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| **In Vitro** | Prosaikogenin F inhibits A549 proliferation with inhibition rates of 40.53%, 92.62% and 93.07% at concentrations of 20, 40 and 60 μg/mL, respectively[1].  
MCE has not independently confirmed the accuracy of these methods. They are for reference only. |
| **In Vivo**  | In mice, intraperitoneal administration of Saikosaponin A and its intestinal metabolite, Prosaikogenin F, show corticosterone secretion-inducing activity at a dose of 0.1 mmol/kg, and maximally increase it at a dose of 0.4 mmol/kg[3].  
MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

