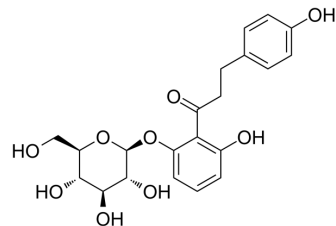


## 4'-Deoxyphlorizin

Cat. No.:	HY-128424
CAS No.:	4319-68-0
Molecular Formula:	C <sub>21</sub> H <sub>24</sub> O <sub>9</sub>
Molecular Weight:	420.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4'-Deoxyphlorizin is an inhibitor of the glucose transport system. 4'-Deoxyphlorizi has good phlorizin hydrolase inhibitory activity with the  $K_m$  value of 0.59 nM and the  $K_i$  value of 0.33 nM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. J O Evans, et al. The affinity of phlorizin-like compounds for a beta-glucosidase in intestinal brush borders: comparison with the glucose transport system. Arch Biochem Biophys. 1980 Feb;199(2):342-8.

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

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