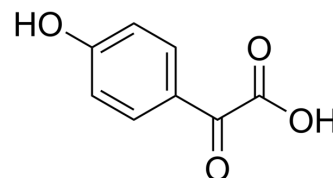


## 4-Hydroxyphenylglyoxylate

Cat. No.:	HY-W104819
CAS No.:	15573-67-8
Molecular Formula:	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>
Molecular Weight:	166.13
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4-Hydroxyphenylglyoxylate (4-Hydroxyphenylglyoxylic acid) is an inhibitor of carnitine palmitoyltransferase I (CPT I). 4-Hydroxyphenylglyoxylate can be used to study sensitivity changes in CPT I of liver mitochondria and fatty acid oxidation by isolated hepatocytes. 4-Hydroxyphenylglyoxylate can inhibit fatty acid oxidation<sup>[1]</sup>.

### REFERENCES

[1]. Stephens TW, et al. Effect of starvation and diabetes on the sensitivity of carnitine palmitoyltransferase I to inhibition by 4-hydroxyphenylglyoxylate. *Biochem J.* 1987 Apr 15;243(2):405-12.

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

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