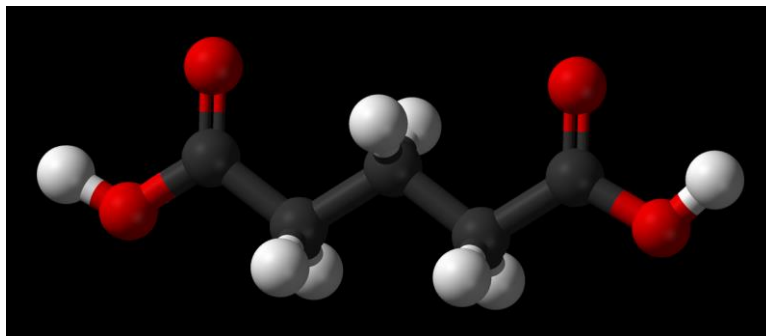


Answer on Question #48553 – Chemistry– Organic Chemistry

Question:

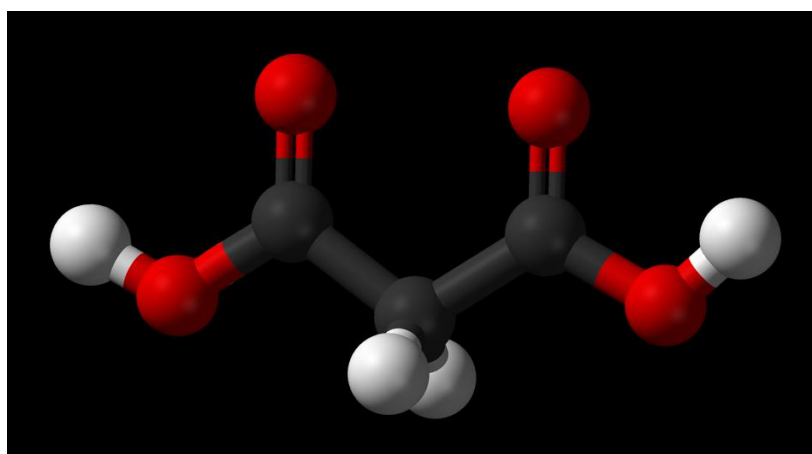
propanedioic acid or propane-1,3-dioic acid which is correct and why ?

Answer:



On the picture above it's shown the structural formula of glutaric acid, which also called **propane-1,3-dicarboxylic acid** or **pentanedioic acid**.

IUPAC name of this compound is **pentanedioic acid**. Each of them is correct.



On the picture above it's shown the structural formula of malonic acid, which also called **propanedioic acid**.

IUPAC name of this compound is **propanedioic acid**. Each of them is correct.

It means that you have to different compound.

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