

<b>Product Name</b>	: Oxoadipic acid
<b>Synonyms</b>	: 2-Oxoadipic acid
<b>Cat No.</b>	: M19687
<b>CAS Number</b>	: 3184-35-8
<b>Molecular Formula</b>	: C <sub>6</sub> H <sub>8</sub> O <sub>5</sub>
<b>Formula Weight</b>	: 160.12
<b>Chemical Name</b>	: —
<b>Description</b>	: Oxoadipic acid is a key metabolite of the essential amino acids tryptophan and lysine. Important metabolite between the TCA cycle and lysine biosynthesis. Of interest for research on mitochondrial metabolite transporters.
<b>Pathway</b>	: Proteasome/Ubiquitin
<b>Target</b>	: Endogenous Metabolite
<b>Receptor</b>	: Human Endogenous Metabolite
<b>Solubility</b>	: DMSO: 10 mM
<b>SMILES</b>	: <chem>OC(=O)CCCC(=O)C(O)=O</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Shibata K et al. Fluorometric determination of 2-oxoadipic acid a common metabolite of tryptophan and lysine by high-performance liquid chromatography with pre-chemical derivatization. Biosci Biotechnol Biochem. 2011;75(1):185-7. Epub 2011 Jan 7.