

## Product datasheet

# Oxaliplatin, Platinum anticancer agent ab141054

3 References 1 Image

### Overview

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<b>Product name</b>	Oxaliplatin, Platinum anticancer agent
<b>Description</b>	Platinum anticancer agent. Induces DNA cross-linking.
<b>Biological description</b>	Diaminocyclohexane platinum anticancer agent. Induces DNA cross-linking and blocks DNA synthesis. Induces apoptosis and cell cycle arrest.
<b>Purity</b>	> 99%
<b>CAS Number</b>	61825-94-3
<b>Chemical structure</b>	<input type="text"/>

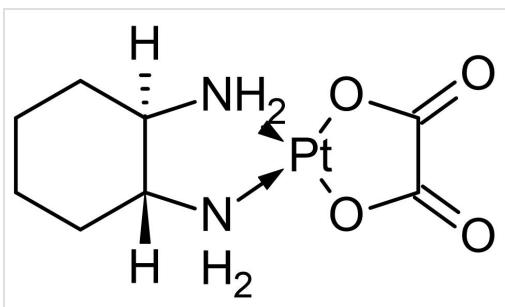
### Properties

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<b>Chemical name</b>	(SP-4-2)-[(1R,2R)-1,2-Cyclohexanediamine-kN1,kN2][ethanedioato(2-)-kO1,kO2]-platinum
<b>Molecular weight</b>	397.29
<b>Molecular formula</b>	C <sub>8</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> Pt
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

### Images

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2D chemical structure image of ab141054, Oxaliplatin, Platinum anticancer agent

Chemical Structure - Oxaliplatin, Platinum anticancer agent (ab141054)

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