

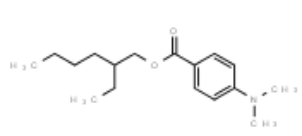
## Certificate of Analysis

|        |                            |
|--------|----------------------------|
| Target | Products>>Novel inhibitors |
| Cat.No | DC32617                    |
| Name   | Padimate O                 |

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## Chemical Properties

|           |  |
|-----------|--|
| CAS       | 21245-02-3   |
| Formula   | C <sub>17</sub> H <sub>27</sub> NO <sub>2</sub>  |
| MW        | 277.4  |
| Storage   |  |
| Structure |  <p>The chemical structure of Padimate O is shown. It consists of a central benzene ring with a carbonyl group (C=O) at the top position. At the para position (bottom), there is a dimethylamino group (-N(CH<sub>3</sub>)<sub>2</sub>). At the ortho position (left), there is a propyl chain (-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-) attached to the carbonyl oxygen via an ester linkage (-O-). The propyl chain is shown with methyl groups (H<sub>3</sub>C) at the end of each segment.</p> |
| Purity    |  |

**Website:**  
www.dcchemicals.com