

## Product Information

### Antifection inhibitor I2906, Purity ≥98%

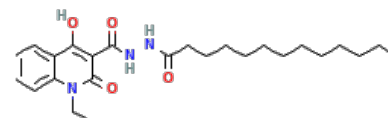
**Cat. No.:** X24-07-ZQ008

**Size:** 100 mg; 500 mg

**CAS Number:** 331963-29-2

**Compound CID:** 54679506

**Synonym:** 331963-29-2; Antifection inhibitor; I 2906; I-2906



**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

|                          |   |
|--------------------------|---|
| <b>Description</b>       | I2906 has strong immunosuppressant properties.  |
| <b>Molecular Weight</b>  | 443.58  |
| <b>Molecular Formula</b> | C <sub>25</sub> H <sub>37</sub> N <sub>3</sub> O <sub>4</sub>   |
| <b>IUPAC Name</b>        | 1-Ethyl-4-hydroxy-2-oxo-N'-tridecanoylquinoline-3-carbohydrazide  |
| <b>InChI</b>             | InChI=1S/C25H37N3O4/c1-3-5-6-7-8-9-10-11-12-13-18-21(29)26-27-24(31)22-23(30)19-16-14-15-17-20(19)28(4-2)25(22)32/h14-17,30H,3-13,18H2,1-2H3,(H,26,29)(H,27,31) |
| <b>InChI Key</b>         | WIEYSVJHCLJOJT-UHFFFAOYSA-N   |
| <b>Isomeric SMILES</b>   | CCCCCCCCCCCC(=O)NNC(=O)C1=C(C2=CC=CC=C2N(C1=O)CC)O  |
| <b>Form</b>              | Lyophilized powder  |
| <b>Purity</b>            | ≥98%  |
| <b>Identity</b>          | Confirmed by NMR/HPLC/MS.   |
| <b>Stability</b>         | The product is stable for three years when stored at the recommended temperature in lyophilized powder.   |
| <b>Quality Level</b>     | Research grade  |
| <b>Applications</b>      | I2906 is utilized in research focused on its antibacterial properties and potential therapeutic applications in resistant infections.                           |
| <b>Storage</b>           | Store at -20°C, and keep desiccated.  |