

## Product Datasheet

### Jarin-1 (orb3032988)

|                        |   |
|------------------------|---|
| <b>Catalog Number</b>  | orb3032988  |
| <b>Category</b>        | Small Molecules   |
| <b>Description</b>     | Jarin-1 represents a breakthrough in plant hormone modulation as the pioneering small-molecule inhibitor of jasmonoyl-L-isoleucine synthetase (JAR1). |
| <b>Purity</b>          | >98%  |
| <b>MW</b>              | 471.547567129135  |
| <b>CAS Number</b>      | 1212704-51-2  |
| <b>Formula</b>         | C <sub>28</sub> H <sub>29</sub> N <sub>3</sub> O <sub>4</sub>   |
| <b>SMILES</b>          | <chem>O=C1C(=CC=C2C3CN(C(CCOC)=O)CC(CN21)C3)NC(C1C=CC(C2C=CC=CC=2)=CC=1)=O</chem>   |
| <b>Note</b>            | For research use only   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |

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