

## Product Datasheet

### Doxycycline monohydrate (orb1804893)

|                          |   |
|--------------------------|---|
| <b>Description</b>       | Broad spectrum antibiotic   |
| <b>Target</b>            | Antibiotic  |
| <b>Form/Appearance</b>   | powder  |
| <b>Storage</b>           | -20°C   |
| <b>Note</b>              | For research use only   |
| <b>Formula</b>           | $C_{22}H_{24}N_2O_8 \cdot H_2O$   |
| <b>Purity</b>            | > 98%   |
| <b>MW</b>                | 462.5   |
| <b>CAS Number</b>        | 17086-28-1  |
| <b>Solubility (25°C)</b> | Soluble in Water (14 mg/ml with warming)<br>or in DMSO (up to 50 mg/ml) |
| <b>Expiration Date</b>   | 12 months from date of receipt.   |