

## Product Datasheet

### Febrifugine dihydrochloride (orb1297615)

|                          |  |
|--------------------------|--|
| <b>Catalog Number</b>    | orb1297615   |
| <b>Category</b>          | Small Molecules  |
| <b>Description</b>       | Febrifugine dihydrochloride, also known as Propylidazine hydrochloride, is a bioactive small molecule investigated for its therapeutic potential. Research in vitro and in vivo explores its applications in malaria, oncology, fibrosis, and inflammatory disease models. |
| <b>Target</b>            | Apoptosis,Parasite,DNA/RNA Synthesis   |
| <b>Purity</b>            | 98.27% (May vary between batches)  |
| <b>MW</b>                | 374.26   |
| <b>Target Areas</b>      | Parasite DNA/RNA Synthesis Apoptosis   |
| <b>Solubility (25°C)</b> | DMSO:Soluble   |
| <b>CAS Number</b>        | 32434-42-7   |
| <b>Formula</b>           | $C_{16}H_{21}Cl_2N_3O_3$   |
| <b>SMILES</b>            | <chem>Cl.Cl.O.[C@H]1CCCN[C@@H]1CC(=O)Cn1cnc2cccc2c1=O</chem>   |
| <b>Storage</b>           | store at low temperature,keep away from direct sunlight   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.   |
| <b>Note</b>              | For research use only  |
| <b>Expiration Date</b>   | 12 months from date of receipt.  |

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