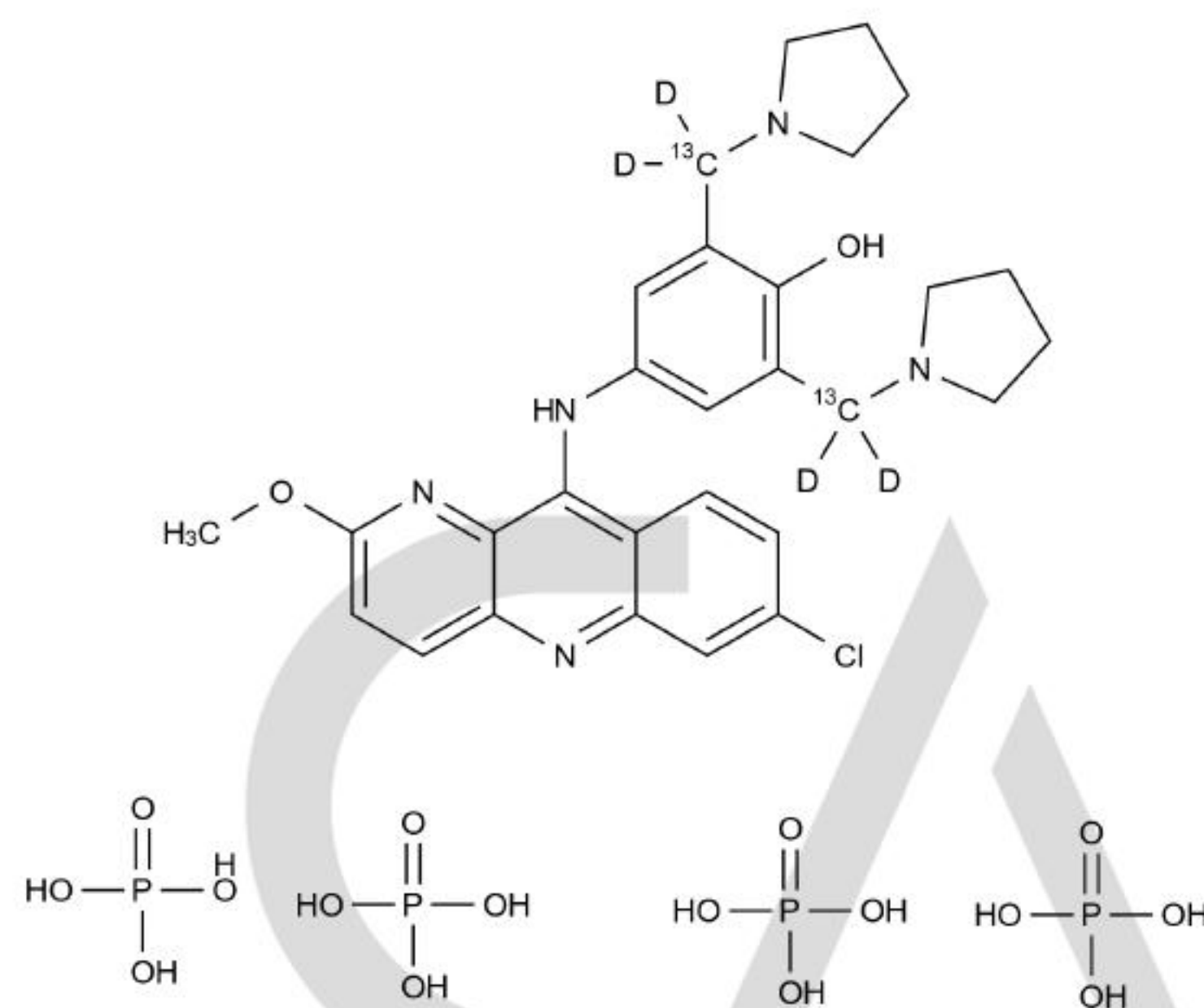


# Certificate of Analysis

## Reference Material & Standard

|                           |                                            |                          |                                           |
|---------------------------|--------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Pyronaridine-13C2 , d4 Tetraphosphate Salt | <b>Catalogue Number:</b> | C4X-297817                                |
| <b>Synonyms:</b>          | N/A                                        | <b>Lot Number:</b>       | 0616-RG-0043                              |
| <b>CAS Number:</b>        | N/A                                        | <b>Expiry Date:</b>      | Nov 05, 2027                              |
| <b>Molecular Formula:</b> | C27[13C]2H28D4ClN5O2 4*H3O4P               | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 524.06 4*98.00                             |                          |                                           |

## Chemical Structure:



| Test Items      | Method              | Results           |
|-----------------|---------------------|-------------------|
| Appearance      | Visual inspection   | Dark Yellow Solid |
| Identification  | LCMS&CNMR&PNMR&HNMR | Confirmed         |
| Chemical Purity | HPLC                | 97.1%             |
| Isotopic Purity |                     | 99.1%             |

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jun 26, 2025

Date: Jun 26, 2025

Date: Jun 26, 2025

