



## Certificate of Analysis.

### 2-Chloro-1-(2-((3-chloropropyl)amino)-2-oxido-1,3,2-oxazaphosphinan-3-yl)ethan-1-one.

|                   |   |
|-------------------|---|
| Product code:     | <b>BS16174.</b>   |
| Description:      | <b>2-Chloro-1-(2-((3-chloropropyl)amino)-2-oxido-1,3,2-oxazaphosphinan-3-yl)ethan-1-one.</b>            |
| Synonym:          | <b>2-Chloro-1-[2-[(3-chloropropyl)amino]dihydro-2-oxido-2H-1,3,2-oxazaphosphorin-3(4H)-yl]ethenone.</b> |
| Pack:             | <b>100 mg.</b>  |
| CAS NO.:          | <b>2817477-15-7.</b>  |
| Mol. Weight:      | <b>289.1 g/mol.</b>   |
| Mol. Formula:     | <b>C<sub>8</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>P.</b>                            |
| MDL Number:       | <b>NA.</b>  |
| Solubility:       | <b>Soluble in DMSO.</b>   |
| Storage:          | <b>Store at ambient temperature.</b>  |
| Batch No:         | <b>Sample.</b>  |
| Manufacture Date: | <b>Lot specific.</b>  |
| Expiry Date:      | <b>3 years.</b>   |

| Test                    | Specification              | Measured Values      |
|-------------------------|----------------------------|----------------------|
| Appearance:             | Colourless thick oil.      | <b>Lot specific.</b> |
| Identification by NMR:  | Confirms to the structure. | <b>Lot specific.</b> |
| Identification by MASS: | Confirms to the structure. | <b>Lot specific.</b> |
| Identification by IR:   | Confirms to the structure. | <b>Lot specific.</b> |
| Purity by HPLC:         | ≥95%.                      | <b>Lot specific.</b> |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

