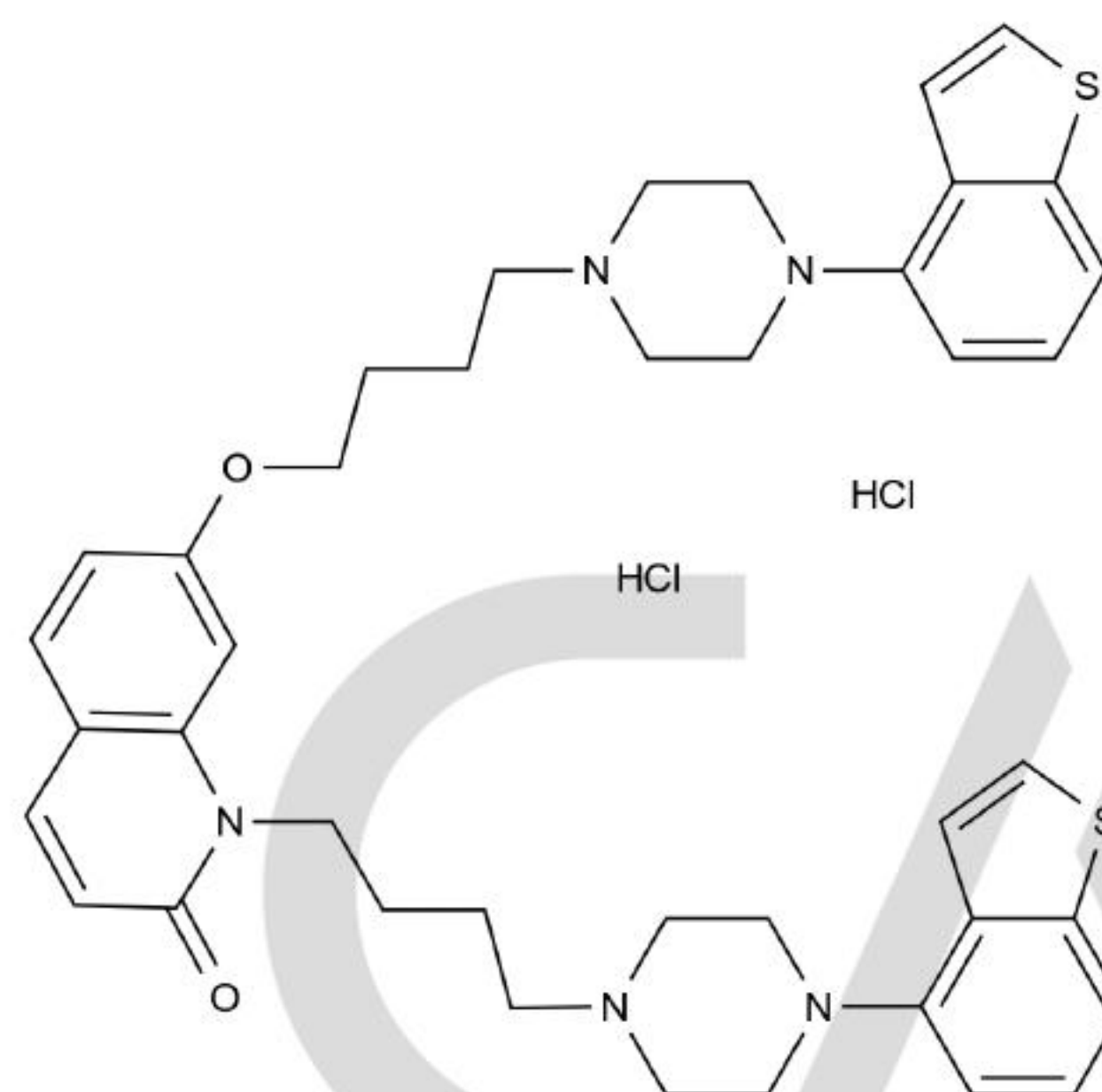


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                    |                            |                                           |
|---------------------------|------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Brexpiprazole Impurity 78 DiHCl                                                    | <b>Catalogue Number:</b>   | C4X-113178                                |
| <b>Synonyms:</b>          | N/A                                                                                | <b>Lot Number:</b>         | 0713-RH-0098                              |
| <b>CAS Number:</b>        | 2137823-20-0 (free base)                                                           | <b>Expiry Date:</b>        | Jul 14, 2030                              |
| <b>Molecular Formula:</b> | C <sub>41</sub> H <sub>47</sub> N <sub>5</sub> O <sub>2</sub> S <sub>2</sub> 2*HCl | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 705.97 2*36.46                                                                     | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&UV&CNMR&HNMR | Confirmed   |
| Purity         | HPLC              | 97.6%       |
| Assay          | qNMR              | 94.0%       |

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jul 15, 2026

Date: Jul 15, 2026

Date: Jul 15, 2026



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