

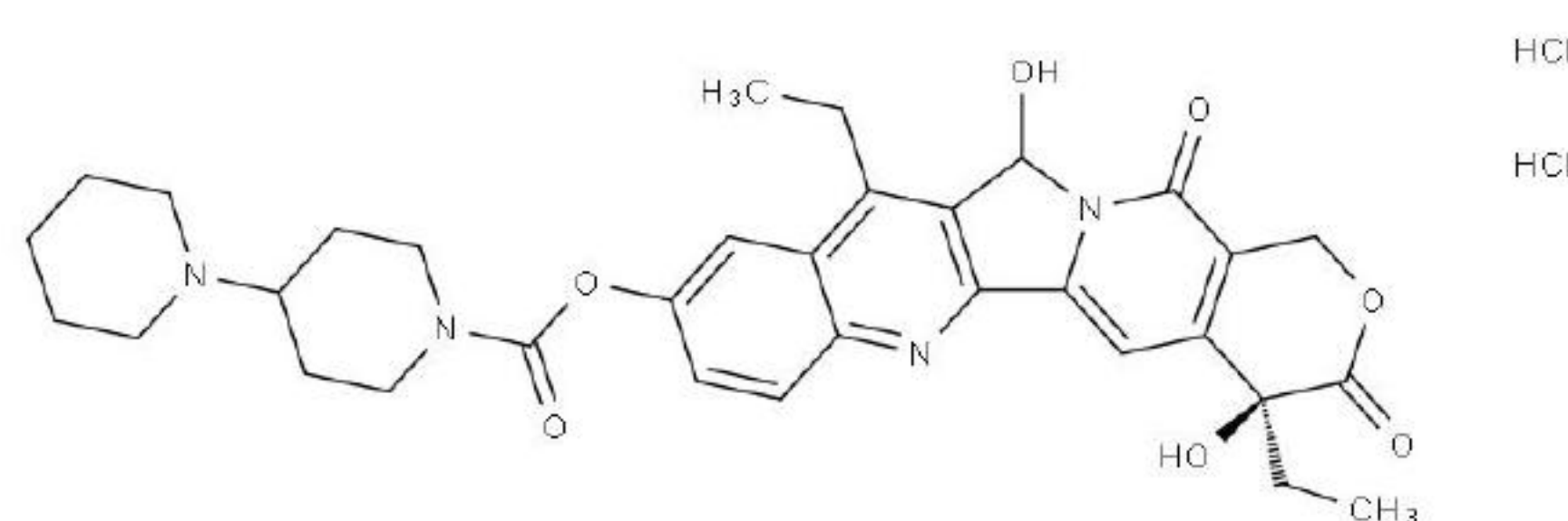
# Certificate of Analysis

## Reference Material

**Product Name:** Irinotecan EP Impurity M DiHCl

**Chemical Name:**

**Chemical Structure:**



|                           |                                                                               |                          |                 |
|---------------------------|-------------------------------------------------------------------------------|--------------------------|-----------------|
| <b>CAS Number:</b>        | N/A                                                                           | <b>Catalogue Number:</b> | C4X-166713      |
| <b>Molecular Formula:</b> | C <sub>33</sub> H <sub>40</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>7</sub> | <b>Lot Number:</b>       | C4X-166713-2101 |
| <b>Molecular Weight:</b>  | 675.60                                                                        |                          |                 |
| <b>Storage:</b>           | 2-8°C dark and sealed                                                         |                          |                 |
| <b>Appearance:</b>        | Yellow Solid                                                                  |                          |                 |

| Test Description | Specifications | Results  |
|------------------|----------------|----------|
| Identification:  | MS&IR&HNMR     | Conforms |
| Assay:           |                | 88.3%    |

## Warning:

**Analysed Date:** Jan/13/2021

**ExpiryDate:** Jan/12/2024

**Approved by:**