# Certificate of Analysis



## PD173955

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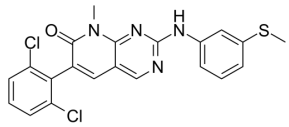
|---|---|
| **Cat. No.:** | HY-10395 |
| **CAS No.:** | 260415-63-2 |
| **Batch No.:** | 19288 |
| **Chemical Name:** | Pyrido[2,3-d]pyrimidin-7(8H)-one, 6-(2,6-dichlorophenyl)-8-methyl-2-[[3-(methylthio)phenyl]amino]- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Formula:** | $C_{21}H_{16}Cl_2N_4OS$ | | |
| **Molecular Weight:** | 443.35 | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Off-white to yellow (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 98.88% |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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