Product Specification Sheet

**Product Name:** VX-680 (Tozasertib)

**Catalog Number:** C8916-10 (powder)

**Package Size:** 10 mg

**Technical Information:**
- **Chemical Formula:** C_{23}H_{28}N_{6}OS
- **CAS #:** 639089-54-6
- **Molecular Weight:** 464.59
- **Purity:** >=98%
- **Formulation:** Light yellow solid
- **Solubility:** Soluble in DMSO up to 100 mM
- **Chemical Name:** N-(4-((4-((5-methyl-1H-pyrazol-3-yl)amino)-6-(4-methylpiperazin-1-yl)pyrimidin-2-yl)thio)phenyl)cyclopropanecarboxamide
- **Storage:** Store solid powder at 4°C desiccated;

**Handling:**
- For C8916-10 (powder), add 2.15 mL of DMSO to make 10 mM solution.

**Biological Activity:** VX-680 (Tozasertib) is a small molecule Aurora kinase inhibitor (Aurora-A ~0.6nM, Aurora-B ~18nM, Aurora-C ~4.6nM). VX-680 inhibits cell cycle progression, induces apoptosis and blocks tumor growth in varieties of in vivo xenograft models, including leukemia, colon and pancreatic tumors.

**Reference:**

For Technical Support: technical@cellagentech.com

*For research use only, not for clinical or diagnostic use.*