

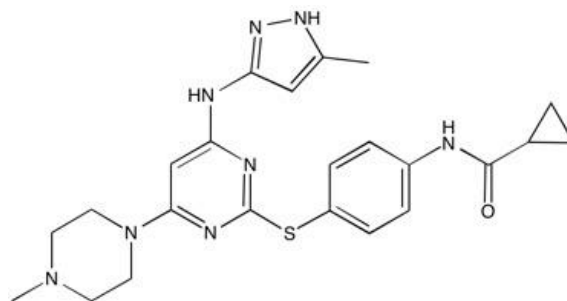
## Tozasertib, Aurora kinase inhibitor

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Catalog	Unit
TBI2178-10MG	10 mg
TBI2178-50MG	50 mg

### Product Details

**Alternate Names:** VX-680; MK-0457  
**Molecular Formula:** C<sub>23</sub>H<sub>28</sub>N<sub>8</sub>OS  
**Formula Weight:** 464.59  
**CAS Number:** 639089-54-6  
**Purity:** >98%  
**Formulation:** Powder  
**Solubility:** Soluble in DMSO (up to 100 mg/ml).  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

Aurora kinase inhibitor

### Functions

Inhibitor of Aurora kinases. Blocks cell cycle progressing, inhibits proliferation, and induces apoptosis in a wide range of cancer cell lines (IC<sub>50</sub> = <10 μM for clear cell renal carcinoma).

### Application Procedures

First dissolved in DMSO (up to 100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**