

Catalog	Unit
TBI4678-5MG	5 mg
TBI4678-25MG	25 mg

### Product Details

**Formal Name:** (E)-5-Bromo-2-methoxy-4-(((3-(methylthio)-5-phenyl-4H-1,2,4-triazol-4-yl)imino)methyl)phenol

**Molecular Formula:** C<sub>17</sub>H<sub>15</sub>BrN<sub>4</sub>O<sub>2</sub>S

**Formula Weight:** 419.30

**CAS Number:** 694522-87-7

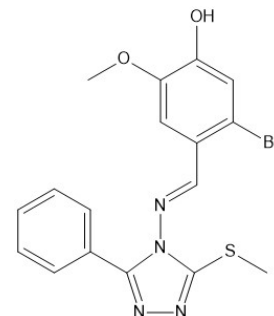
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Casein kinase 2 inhibitor

### Functions

Potent inhibitor of casein kinase 2 (CK2; IC<sub>50</sub> = 7 nM). Showed no inhibition of DYRK, HIPK, CLK, and PIM family kinases. It is a circadian clock modifier that caused strong period lengthening. Growth of MLL-AF9 leukemia cells was strongly inhibited by GO289.

### Application Procedures

First dissolved in DMSO (up to at least 25 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.**