

## TLCK, Serine protease inhibitor

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Catalog	Unit
TBI2494-50MG	50 mg
TBI2494-250MG	250 mg

### Product Details

**Formal Name:** N-[5-amino-1-(2-chloroacetyl)pentyl]-4-methyl-benzenesulfonamide, monohydrochloride

**Alternate Names:** Tosyllysine chloromethylketone

**Molecular Formula:** C<sub>14</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>3</sub>S • HCl

**Formula Weight:** 369.3

**CAS Number:** 4272-74-6

**Purity:** ≥95%

**Formulation:** powder

**Solubility:** DMSO (5 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 4 years

### Applications

Serine protease inhibitor

### Functions

TLCK is an inhibitor of serine endopeptidases that can be used in protein purification protocols.

### Application Procedures

First dissolved in DMSO (5 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.**