

## Chaetocin, Lysine methyltransferase inhibitor

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Catalog	Unit
TBI2404-200UG	200 ug
TBI2404-1MG	1 mg

### Product Details

**Formal Name:** Isolated from Chaetomium species

**Molecular Formula:** C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>O<sub>6</sub>S<sub>4</sub>

**Formula Weight:** 696.85

**CAS Number:** 28097-03-2

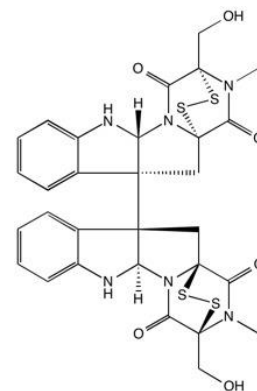
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Lysine methyltransferase inhibitor

### Functions

Antimicrobial fungal metabolite. Selective inhibitor of lysine specific histone methtransferase. Antimyeloma activity which has been linked to induction of oxidative stress and subsequent apoptosis.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

**For research use only.**