

## TM-2-51, HDAC8 activator

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Catalog	Unit
TBI1522-10MG	10 mg
TBI1522-50MG	50 mg

### Product Details

**Formal Name:** 1-Benzoyl-3-phenyl-2-thiourea

**Molecular Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>OS

**Formula Weight:** 256.32

**CAS Number:** 4921-82-8

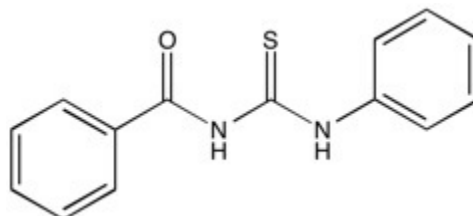
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (greater than 50 mg/ml) or in Ethanol (up to 8 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

HDAC8 activator

### Functions

Highly potent and isozyme selective activator of recombinant HDAC8. Increases the activity of HDAC8 by a factor of 12 at 10 μM. No activation of other HDACs is observed. Rescues the activity of catalytically compromised HDAC8 mutants in vitro.

### Application Procedures

First dissolved in DMSO (greater than 50 mg/ml) or in Ethanol (up to 8 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.**