

## Tenovin-1, SIRT1 and 2 inhibitor

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Catalog	Unit
TBI2982-5MG	5 mg
TBI2982-25MG	25 mg

### Product Details

**Formal Name:** N-[(4-Acetamidophenyl)carbamothioyl]-4-tert-butylbenzamide

**Molecular Formula:** C<sub>20</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>S

**Formula Weight:** 369.50

**CAS Number:** 380315-80-0

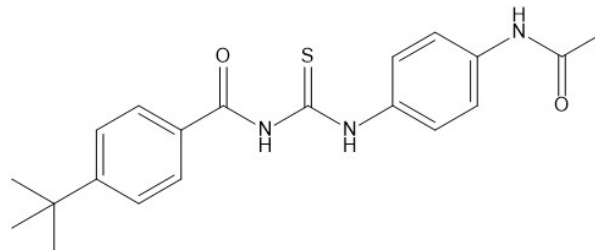
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml, warm)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

SIRT1 and 2 inhibitor

### Functions

Activates p53 via inhibition of SIRT1 and SIRT2. Induces apoptosis in a variety of cancer cell lines including cutaneous T-cell lymphoma and melanoma among others. Induces cellular senescence in cultured rat primary astrocytes as well as other cell types.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml, warm), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**