

## Salirasib (FTS), Ras inhibitor

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Catalog	Unit
TBI1461-5MG	5 mg
TBI1461-25MG	25 mg

### Product Details

**Formal Name:** trans-Farnesylthiosalicylic acid

**Molecular Formula:** C<sub>22</sub>H<sub>30</sub>O<sub>2</sub>S

**Formula Weight:** 358.54

**CAS Number:** 162520-00-5

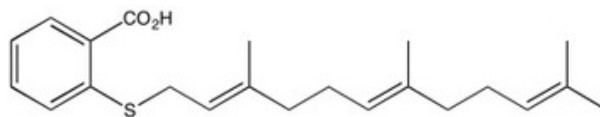
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml) or in Ethanol (up to 20 mg/ml)

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Ras inhibitor

### Functions

Salirasib is a synthetic farnesylcysteine mimetic that inhibits ras proteins via disruption of interactions between the S-Prenyl moiety of Ras and the membrane anchorage domains. It has been investigated in the treatment of various cancers. HCC cells pretreated with salirasib were sensitized to TRAIL-induced apoptosis. Salirasib has also been shown to inhibit TRPA1 (EC<sub>50</sub> = 1.3 μM).

### Application Procedures

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

**For research use only.**