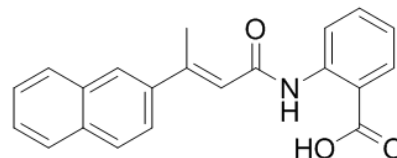


**Product Name** : BIBR-1532  
**Cat. No.** : PC-45170  
**CAS No.** : 321674-73-1  
**Molecular Formula** : C<sub>21</sub>H<sub>17</sub>NO<sub>3</sub>  
**Molecular Weight** : 331.3646  
**Target** : Telomerase  
**Solubility** : 10 mM in DMSO



## Biological Activity

BIBR-1532 is a potent and selective **telomerase** inhibitor with IC<sub>50</sub> of 5 μM.  
BIBR-1532 shows selective cytotoxicity and telomere damage in leukemia cells with IC<sub>50</sub> of 30-80 μM.  
BIBR-1532 also sensitize drug-resistant and drug-sensitive cells to chemotherapeutic treatment.

## References

- Barma DK, et al. *Bioorg Med Chem Lett*. 2003 Apr 7;13(7):1333-6.  
Pascolo E, et al. *J Biol Chem*. 2002 May 3;277(18):15566-72.  
Ward RJ, et al. *Mol Pharmacol*. 2005 Sep;68(3):779-86.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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