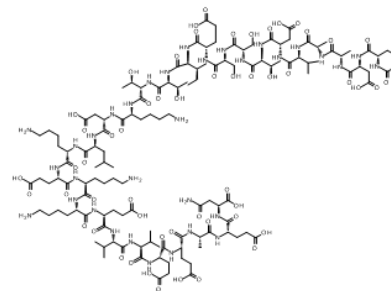


**Product Name** : Thymalfasin  
**Cat. No.** : PC-47494  
**CAS No.** : 62304-98-7  
**Molecular Formula** : C<sub>129</sub>H<sub>215</sub>N<sub>33</sub>O<sub>55</sub>  
**Molecular Weight** : 3108.275  
**Target** : Other Targets  
**Solubility** : H<sub>2</sub>O



## Biological Activity

An immunoactive peptide that has been shown to inhibit cell proliferation and induce apoptosis in human leukemia, non-small cell lung cancer, melanoma, and other human cancers; inhibits the activation of the PI3K/Akt/mTOR signaling pathway, enhances PTEN expression, and shows growth inhibition of breast cancer cells; also exhibited a direct antiviral mechanism of action for HBV and HCV.

Skin Cancer  
Approved

## References

- He C, et al. *Medicine (Baltimore)*. 2017 Apr;96(16):e6606.  
King RS, et al. *Expert Opin Biol Ther*. 2015;15 Suppl 1:S41-9.  
Guo Y, et al. *Apoptosis*. 2015 Aug;20(8):1109-21.

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

E-mail: tech@probechem.com