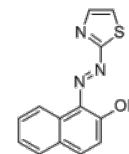


**Product Name** : ERGi-USU  
**Cat. No.** : PC-63456  
**CAS No.** : 1147-56-4  
**Molecular Formula** : C<sub>13</sub>H<sub>9</sub>N<sub>3</sub>OS  
**Molecular Weight** : 255.295  
**Target** : Other Targets  
**Solubility** :



## Biological Activity

ERGi-USU (NSC139021) is a small molecule that selectively inhibits ERG-positive cancer cell growth (VCaP cell IC<sub>50</sub>=0.169 μM), directly binds the ribosomal biogenesis regulator atypical kinase R1OK2 and induces ribosomal stress signature; shows additive effects in inhibiting growth of VCaP cells combined with enzalutamide, inhibits growth of ERG-positive VCaP tumor xenografts with no apparent toxicity.

## References

Mohamed AA, et al. Cancer Res. 2018 Apr 30. pii: canres.2949.2017.

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

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