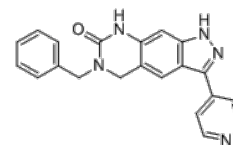


**Product Name** : KO-947  
**Cat. No.** : PC-61978  
**CAS No.** : 1695533-89-1  
**Molecular Formula** : C<sub>21</sub>H<sub>17</sub>N<sub>5</sub>O  
**Molecular Weight** : 355.401  
**Target** : ERK  
**Solubility** :



## Biological Activity

KO-947 is a potent and selective inhibitor of **ERK1/2 kinase** in biochemical, cellular and in vivo antitumor activity assays; blocks ERK signaling and proliferation of tumor cells exhibiting dysregulation of MAPK pathway signaling, including mutations in BRAF, NRAS or KRAS, at low nanomolar concentrations.

Solid Tumors  
Phase 1 Clinical

## References

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

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