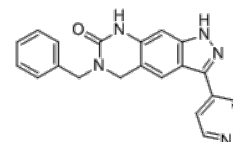


**Product Name** : KO-947  
**Cat. No.** : PC-61978  
**CAS No.** : 1695533-89-1  
**Molecular Formula** : C<sub>21</sub>H<sub>17</sub>N<sub>5</sub>O  
**Molecular Weight** : 355.401  
**Target** : ERK  
**Solubility** : 10 mM in DMSO



1. Burrows F, et al. Proceedings of the American Association for Cancer Research Annual Meeting 2017; 2017 Apr 1-5.

### Biological Activity

KO-947 (KO947) is a potent and selective inhibitor of **ERK1/2 kinase** in biochemical, cellular and in vivo antitumor activity assays.

KO-947 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.

### References

