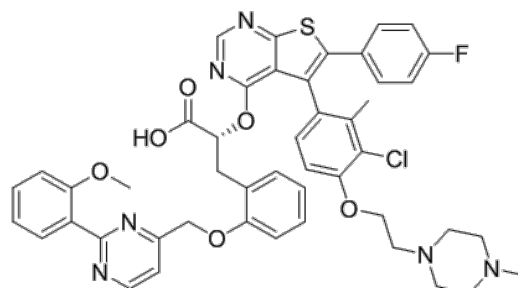


**Product Name** : S64315  
**Cat. No.** : PC-35691  
**CAS No.** : 1799631-75-6  
**Molecular Formula** : C<sub>47</sub>H<sub>44</sub>ClFN<sub>6</sub>O<sub>6</sub>S  
**Molecular Weight** : 875.413  
**Target** : Bcl-2  
**Solubility** : 10 mM in DMSO



## Biological Activity

MIK665 (S-64315, MIK-665) is a novel potent, selective **Mcl-1** inhibitor (IC<sub>50</sub>=1.8 nM) with potential pro-apoptotic and antineoplastic activities.

MIK665 (S-64315) binds to and inhibits the activity of Mcl-1, which promotes apoptosis of cells overexpressing Mcl-1. Mcl-1, an anti-apoptotic protein belonging to the Bcl-2 family of proteins, is upregulated in cancer cells and promotes tumor cell survival.

## References

Cassier PA, et al. *Br J Cancer*. 2017 Oct 10;117(8):1089-1098.

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

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