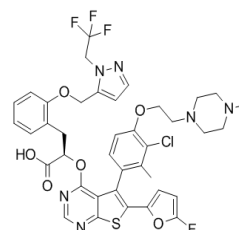


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** :S-63845  
**Cat.No.** :URK-V734  
**CAS No.** :1799633-27-4  
**Molecular Formula** :C<sub>39</sub>H<sub>37</sub>ClF<sub>4</sub>N<sub>6</sub>O<sub>6</sub>S  
**Molecular Weight** :829.259  
**Target** :Bcl-2  
**Solubility** :



### Biological Activity

S-63845 (S63845) is a highly potent, selective Mcl-1 inhibitor with K<sub>d</sub> of 0.19 nM, with no appreciable binding affinity to BCL-2 or BCL-XL (K<sub>i</sub>>10 μM); binds to the BH3-binding groove of Mcl-1, potently kills MCL1-dependent cancer cells, including multiple myeloma (IC<sub>50</sub><0.1 μM), leukaemia and lymphoma cells, by activating the BAX/BAK-dependent mitochondrial apoptotic pathway; is well tolerated and shows high effectiveness against mouse cancer models.

### References

Blood Cancer  
 Preclinical

*Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

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

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