

## Product Datasheet

# MIK665

Catalog No. **BP-02347** · CAS **1799631-75-6** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-10**

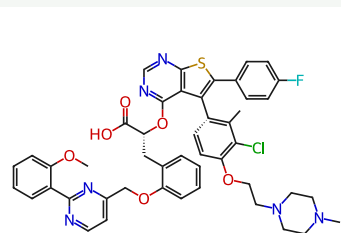
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|                               |                                |
|-------------------------------|--------------------------------|
| Target<br><b>Bcl-2 Family</b> | Research area<br><b>Cancer</b> |
|-------------------------------|--------------------------------|

Molecular formula **C<sub>47</sub>H<sub>44</sub>ClFN<sub>6</sub>O<sub>6</sub>S**

Molecular weight **875.4050**

### STRUCTURE



## DESCRIPTION

MIK665 (S-64315) is a special Mcl-1 inhibitor with an IC<sub>50</sub> of 1.81 nM.

## BIOLOGICAL ACTIVITY

MIK665 is an inhibitor of induced myeloid leukemia cell differentiation protein (Mcl-1; Bcl2-L-3), with potential pro-apoptotic and antineoplastic activities. MIK665 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.

## SOLUBILITY

Soluble in DMSO >100mg/mL; Insoluble in water

## REFERENCES

- [1]. Mukherjee N, et al. Simultaneously Inhibiting BCL2 and MCL1 Is a Therapeutic Option for Patients with Advanced Melanoma. *Cancers (Basel)*. 2020;12(8):2182. Published 2020 Aug 5.
- [2]. Zoltán SZLÁVIK, et al. New hydroxyester derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2016207225A1.