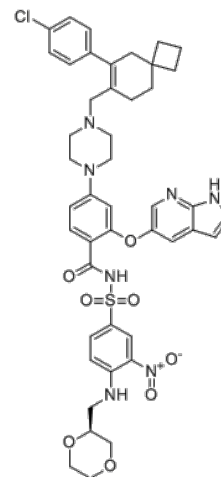


**Product Name** : Lisaftoclax  
**Cat. No.** : PC-72311  
**CAS No.** : 2180923-05-9  
**Molecular Formula** : C<sub>45</sub>H<sub>48</sub>ClN<sub>7</sub>O<sub>8</sub>S  
**Molecular Weight** : 882.4  
**Target** : Bcl-2  
**Solubility** : 100 mM in DMSO (88.2 mg/mL)



## Biological Activity

Lisaftoclax (APG-2575) is a novel **BCL-2** selective inhibitor with binding  $K_i$  of < 0.1/0.1 nM for Bcl-2/Bcl-XL, no binding affinity against BCL-W/MCL-1. APG-2575 effectively suppressed DLBCL with BCL-2 high expression via activating the mitochondrial apoptosis pathway. APG-2575 showed strong synergic effect with mouse double minute 2 (MDM2)-p53 inhibitor APG-115 that can achieve potent antitumor effect and markedly prolong survival in animal models.

## References

Luo Q, et al. *Oncol Res.* 2020 Sep 1;28(4):331-344.  
 Fang DD, et al. *Transl Oncol.* 2022 Jan;15(1):101244.

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

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