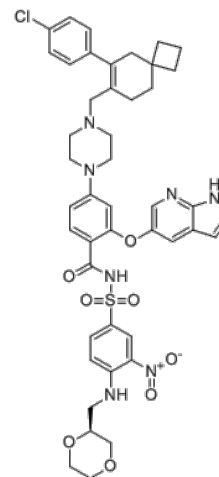


Product Name : Lisaftoclax
Cat. No. : PC-72311
CAS No. : 2180923-05-9
Molecular Formula : C₄₅H₄₈ClN₇O₈S
Molecular Weight : 882.4
Target : Bcl-2
Solubility : 100 mM in DMSO (88.2 mg/mL)



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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