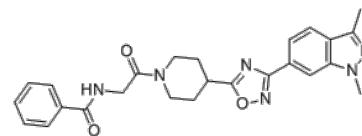


Product Name : YTX-465
Cat. No. : PC-35915
CAS No. : 2225824-53-1
Molecular Formula : C₂₅H₂₆N₆O₃
Molecular Weight : 458.522
Target : Stearoyl-CoA Desaturase (SCD)
Solubility : 10 mM in DMSO



Biological Activity

YTX-465 (YTX465) is a specific small molecule that rescues yeast from a-Syn cytotoxicity with EC₅₀ of 15 nM, via inhibiting **Ole1**, the yeast homolog of human stearoyl-CoA desaturase (SCD). YTX-465 is inactive at SCD1.

References

Vincent BM, et al. *Cell Rep*. 2018 Dec 4;25(10):2742-2754.e31.

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

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