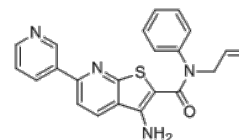


Product Name : SOD1-Derlin-1 inhibitor 56-59
Cat. No. : PC-35376
CAS No. : 2170170-27-9
Molecular Formula : C₂₂H₁₈N₄OS
Molecular Weight : 386.473
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SOD1-Derlin-1 inhibitor 56-59 is a cell-permeable, small molecule inhibitor of **SOD1-Derlin-1** interaction, target SOD1 DBR and clearly attenuates the interactions of Derlin-1 with 122 types of SOD1mut in the cell-based co-immunoprecipitation assays.

SOD1-Derlin-1 inhibitor 56-59 significantly ameliorates the ALS pathology both in motoneurons derived from patient induced pluripotent stem cells and in model mice.

References

Tsuburaya N, et al. *Nat Commun.* 2018 Jul 10;9(1):2668.

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

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