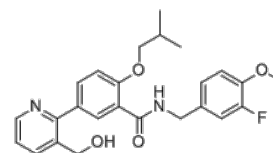

Product Name	: AD-5591
Cat. No.	: PC-21250
CAS No.	: 1804942-45-7
Molecular Formula	: C ₂₅ H ₂₇ FN ₂ O ₄
Molecular Weight	: 438.50
Target	: Aldehyde Dehydrogenase (ALDH)
Solubility	: 10 mM in DMSO



CAS: 1804942-45-7

Biological Activity

AD-5591 (AD5591) is a potent, selective, new generation small molecule **ALDH2** activator, has the improved biological activities and pharmacological properties compared to Alda-1.

AD-5591 (100 μM) significantly increases the enzymatic activity of recombinant WT and mutant human ALDH2 proteins. AD-5591 is the active form of AD-9308.

References

Chang YC, et al. *Nat Commun.* 2023 Sep 25;14(1):5971.

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

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