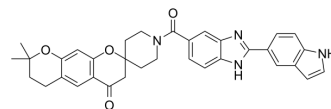


ACC1/2-IN-1

Cat. No.:	HY-147930
CAS No.:	2350219-22-4
Molecular Formula:	C ₃₄ H ₃₂ N ₄ O ₄
Molecular Weight:	560.64
Target:	Acetyl-CoA Carboxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ACC1/2-IN-1 (compound 4s) is a potent ACC1/2 inhibitor with IC ₅₀ values of 98.06 and 29.43 nM for ACC1 and ACC2, respectively. ACC1/2-IN-1 can be used for cancer research ^[1] .
In Vitro	ACC1/2-IN-1 (compound 4s) (72 hours; tumor cell lines) has anti-proliferative activity against A549, H1975, HCT116 and H7901 cell lines with IC ₅₀ values of 0.578, 1.005, 0.680 and 1.406 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wei Q, et al. Design, synthesis and biological evaluation of novel chroman derivatives as non-selective acetyl-CoA carboxylase inhibitors. Bioorg Chem. 2020 Aug;101:103943.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA