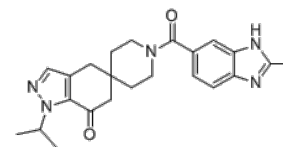


Product Name : PF-05175157
Cat. No. : PC-63466
CAS No. : 1301214-47-0
Molecular Formula : C₂₃H₂₇N₅O₂
Molecular Weight : 405.49
Target : Acetyl-CoA Carboxylase (ACC)
Solubility : 10 mM in DMSO



Biological Activity

PF-05175157 (PF-5175157) is a potent **Acetyl-CoA carboxylase (ACC)** inhibitor with IC₅₀ of 27 and 33 nM for hAAC1 and hACC2, respectively.

PF-05175157 shows concentration-dependent reductions in both skeletal muscle and liver malonyl-CoA with EC₅₀ of 870 and 540 nM after 1 h following an acute oral dose in rats.

PF-05175157 demonstrates significant potential for the treatment of type 2 diabetes mellitus (T2DM).

References

Griffith DA, et al. *J Med Chem.* 2014 Dec 26;57(24):10512-26.

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

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