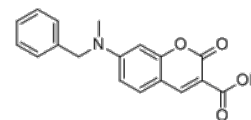


Product Name : 7ACC2
Cat. No. : PC-63259
CAS No. : 1472624-85-3
Molecular Formula : C₁₈H₁₅NO₄
Molecular Weight : 309.321
Target : Monocarboxylate Transporter (MCT)
Solubility :



Biological Activity

7ACC2 is a potent inhibitor of mitochondrial pyruvate transport (MPC) with IC₅₀ of 11 nM, consecutively blocks extracellular lactate uptake by promoting intracellular pyruvate accumulation; induces cytotoxic effects together with glycolysis stimulation and uncompensated inhibition of mitochondrial respiration in cancer cells, sensitizes tumor xenografts to radiotherapy.

References

- Corbet C, et al. Nat Commun. 2018 Mar 23;9(1):1208.
Draoui N, et al. Bioorg Med Chem. 2013 Nov 15;21(22):7107-17.

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

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