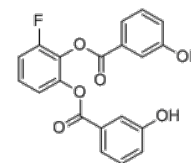


Product Name : WZB117
Cat. No. : PC-35327
CAS No. : 1223397-11-2
Molecular Formula : C₂₀H₁₃FO₆
Molecular Weight : 368.316
Target : Glucose Transporter (GLUT)
Solubility : 10 mM in DMSO



Biological Activity

WZB117 (WZB-117) is a small-molecule inhibitor of glucose transporter 1 (**GLUT1**), inhibits glucose transport and cancer cell proliferation with IC₅₀ of 10 μ M.

WZB117 decreases in levels of Glut1 protein, intracellular ATP, and glycolytic enzymes in treated cancer cells, inhibits cancer growth in tumor-bearing nude mice;

WZB117 also inhibits the self-renewal and tumor-initiating capacity of cancer stem cells (CSCs).

References

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Liu W, et al. *Asian Pac J Cancer Prev.* 2014;15(17):7037-41.

Shibuya K, et al. *Oncotarget.* 2015 Jan 20;6(2):651-61.

Ojelabi OA, et al. *J Biol Chem.* 2016 Dec 23;291(52):26762-26772.

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

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