

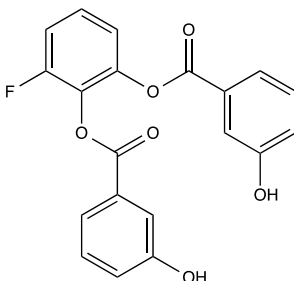
**Catalog #10-4581**

**WZB117**

CAS# 1223397-11-2

3-Fluoro-1,2-phenylene bis(3-hydroxybenzoate)

Lot # FBA3076



WZB117 is an inhibitor of Glucose Transporter 1 (GLUT1). It inhibited cell proliferation in lung cancer A549 cells and breast cancer MCF7 cells with an  $IC_{50}$  of approximately 10  $\mu$ M. Daily intraperitoneal injection of WZB117 at 10mg/kg resulted in 70% reduction in tumor volume of human A549 lung cancer grafted on nude mice

- 1) Liu *et al.* (2012), *A small-molecule inhibitor of glucose transporter 1 downregulates glycolysis, induces cell-cycle arrest, and inhibits cancer cell growth in vitro and in vivo*; Mol. Cancer Ther.**11** 1672

**PHYSICAL DATA**

Molecular Weight:	368.31
Molecular Formula:	$C_{20}H_{13}FO_6$
Purity:	>98% by TLC NMR: Conforms
Solubility:	DMSO (>25 mg/mL); ethanol (>25 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO and ethanol may be stored at -20°C for up to 2 months.

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