

WZB117, GLUT1 Inhibitor

| Catalog | Unit |
|--------------|-------|
| TBI4581-5MG | 5 mg |
| TBI4581-25MG | 25 mg |

Product Details

Formal Name: 3-Fluoro-1,2-phenylene bis(3-hydroxybenzoate)

Molecular Formula: C₂₀H₁₃FO₆

Formula Weight: 368.31

CAS Number: 1223397-11-2

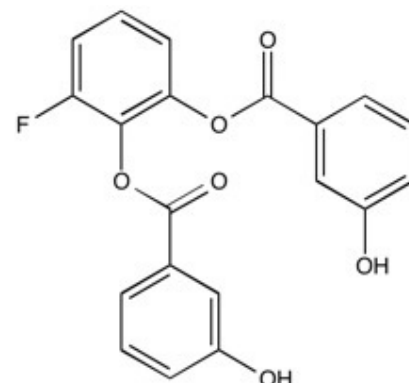
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (greater than 25 mg/ml) or in Ethanol (greater than 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

GLUT1 Inhibitor

Functions

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 IC₅₀ of approximately 10 μM. Daily intraperitoneal injection of WZB117 at 10mg/kg resulted in 70% reduction in tumor volume of human A549 lung cancer grafted on nude mice.

Application Procedures

First dissolved in DMSO (greater than 25 mg/ml) or in Ethanol (greater than 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 2 months.

For research use only.