

WM-1119, KAT6A HAT inhibitor

Catalog	Unit
TBI4013-5MG	5 mg
TBI4013-25MG	25 mg

Product Details

Formal Name: 3-Fluoro-N'-(2-fluorophenyl)sulfonyl-5-pyridin-2-ylbenzohydrazide; 3-Fluoro-N'-(2-fluorobenzenesulfonyl)-5-(pyridine-2-yl)benzohydrazide

Molecular Formula: C₁₈H₁₃F₂N₃O₃S

Formula Weight: 389.40

CAS Number: 2055397-28-7

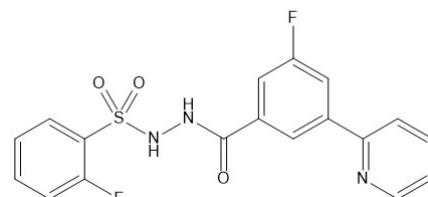
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

KAT6A HAT inhibitor

Functions

Potent and selective inhibitor of the MYST family histone acetyltransferase KAT6A (MOZ) – IC₅₀ = 6.3 nM. Induces cell cycle exit and cellular senescence without causing DNA damage. WM-1119 repressed the cell proliferation of sorafenib-resistant hepatocellular carcinoma cells.

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.