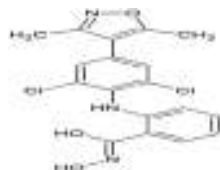


FB23-2

ALTERNATE NAME: FB-232
FTO inhibitor
2-((2,6-dichloro-4-(3,5-dimethylisoxazol-4-yl)phenyl)amino)-N-hydroxybenzamide

CATALOG #: B2740-1 1 mg
B2740-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₅Cl₂N₃O₃

MOLECULAR WEIGHT: 392.24

CAS NUMBER: 2243736-45-8

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: FB23-2 is a potent FTO (fat mass and obesity-associated) inhibitor. FB23-2 directly binds to FTO and selectively inhibits FTO's m6A demethylase activity (IC₅₀ = 2.6 μM). Mimicking FTO depletion, FB23-2 dramatically suppresses proliferation and promotes the differentiation/apoptosis of human acute myeloid leukemia (AML) cell line cells and primary blast AML cells in vitro.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

FTO, human recombinant (7557)
FTO (human intracellular) ELISA Kit (K4921)
Meclofenamic Acid sodium salt (B2738)
N6-Methyladenosine Antibody (6653)
Rhein (B2737)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*