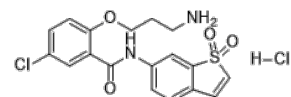


Product Name : HJC0416 hydrochloride
Cat. No. : PC-23511
CAS No. : 2415263-08-8
Molecular Formula : C₁₈H₁₈Cl₂N₂O₄S
Molecular Weight : 429.31
Target : STAT
Solubility : 10 mM in DMSO



CAS: 2415263-08-8

Biological Activity

HJC0416 hydrochloride is an orally bioavailable small-molecule STAT3 inhibitor, decreases the STAT3 promoter activity in MDA-MB-231 cells with IC₅₀ of 5 uM.

HJC0416 inhibits the proliferation of both ER-positive, and ER-negative (triple negative) breast cancer cells with IC₅₀ values of 1.76 uM and 1.97 uM, respectively.

HJC0416 inhibits cell cycle progression and promotes apoptosis both in vitro and in vivo.

References

Chen H, et al. Eur J Med Chem. 2014 Jul 23;82:195-203.

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

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