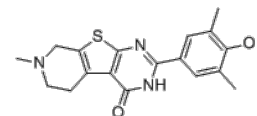


Product Name : FL-411
Cat. No. : PC-62636
CAS No. : 2118944-88-8
Molecular Formula : C₁₈H₁₉N₃O₂S
Molecular Weight : 341.429
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

FL-411 is a novel small-molecule inhibitor of **BRD4**, induces ATG5-dependent autophagy-associated cell death (ACD) by blocking BRD4-AMPK interaction and activating AMPK-mTOR-ULK1-modulated autophagic pathway in breast cancer cells. FL-411 induces ACD pathways involved in HMGB1, VDAC1/2, and eEF2. FL-411 displays a therapeutic potential on both breast cancer xenograft mouse and zebrafish models.

References

Ouyang L, et al. *J Med Chem.* 2017 Dec 28;60(24):9990-10012.

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

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