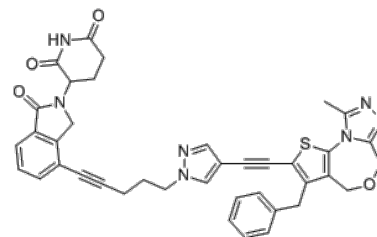


Product Name : QCA570
Cat. No. : PC-35399
CAS No. : 2207569-08-0
Molecular Formula : C₃₉H₃₃N₇O₄S
Molecular Weight : 695.798
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

QCA570 is a highly potent efficacious **BET degrader** (PROTAC) with IC₅₀ of 10 nM (BRD4 BD1).

QCA570 effectively induces degradation of BET proteins and inhibits cell growth in human acute leukemia cell lines at pM level; inhibits cell growth in MV4;11, MOLM-13, and RS4;11 cell lines with IC₅₀ values of 8.3, 62, and 32 pM, respectively.

QCA570 is >10-times more potent than ZBC260 (BETd-260, Cat# PC-60102) in the MV4;11 and MOLM-13 cell lines.

QCA570 (10-30 pM) is very effective in reducing the levels of c-Myc protein in the RS4;11 cell line and the MV4;11 cell line.

QCA570 causes complete and durable tumor regression in leukemia xenograft models in mice.

References

Qin C, et al. *J Med Chem*. 2018 Jul 18. doi: 10.1021/acs.jmedchem.8b00506.

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

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