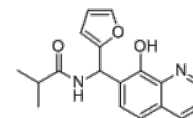


Product Name : SD-70
Cat. No. : PC-70332
CAS No. : 332173-89-4
Molecular Formula : C₁₈H₁₈N₂O₃
Molecular Weight : 310.353
Target : Histone Demethylase
Solubility : 10 mM in DMSO



Biological Activity

SD-70 is a small molecule tumor translocation inhibitor that inhibits the prostate cancer cell transcriptional program, in part by inhibition of the demethylase **KDM4C** (IC₅₀=30 uM).

SD-70 represses AR transcriptional program, increases H3K9me2 levels in 293T cells.

SD-70 inhibits tumor growth in CWR22Rv1 prostate cancer xenograft mice model.

References

Jin C, et al. *Proc Natl Acad Sci U S A*. 2014 Jun 24;111(25):9235-40.

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

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