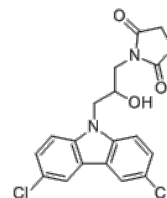


Product Name : 10074-A4
Cat. No. : PC-21473
CAS No. : 312631-87-1
Molecular Formula : C₁₈H₁₄Cl₂N₂O₃S
Molecular Weight : 409.28
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

10074-A4 is a specific small molecule inhibitor of c-Myc 370-409 with binding K_d of 36.3 uM.

10074-A4 inhibits the mRNA level of the c-Myc target genes, CCND2 and CDK4.

10074-A4 arrests the cell cycle at the S-phase, shows inhibitory activity of HL-60 cells with IC₅₀ of 15.1 uM.

References

Chen Yu, et al. Sci Rep. 2016 Mar 2;6:22298.

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

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