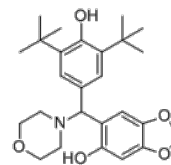


Product Name : UC-514321
Cat. No. : PC-62519
CAS No. : 299420-83-0
Molecular Formula : C₂₆H₃₅NO₅
Molecular Weight : 441.568
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

UC-514321 is a more effective analog of NSC-370284 that directly binds to **STAT3/5**, significantly and selectively suppresses the viability of AML cells with high level of TET1 expression both in vitro and in vivo.

UC-514321 shows no inhibitory effect on the viability of TET1-low AML (i.e., NB4) cells, function as TET1-transcription inhibitor in TET1-high AMLs and the anti-leukemic effects are TET1-dependent.

References

Jiang X, et al. *Nat Commun.* 2017 Dec 13;8(1):2099.

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

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