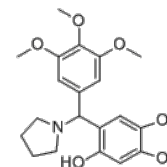


Product Name : NSC 370284
Cat. No. : PC-62520
CAS No. : 116409-29-1
Molecular Formula : C₂₁H₂₅NO₆
Molecular Weight : 387.432
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

NSC 370284 is a small molecule that directly binds to and inhibits **STAT3/5**, significantly and selectively suppresses the viability of AML cells with high level of TET1 expression both in vitro and in vivo. 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!

E-mail: tech@probechem.com