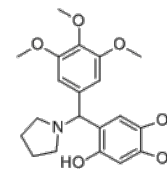


Product Name : NSC 370284
Cat. No. : PC-62520
CAS No. : 116409-29-1
Molecular Formula : C₂₁H₂₅NO₆
Molecular Weight : 387.432
Target : STAT
Solubility : 10 mM in DMSO



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.

NSC 370284 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