

Product Name : UC-514321

Synonyms : UC514321

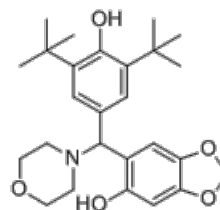
Cat No. : M13922

CAS Number : 299420-83-0

Molecular Formula : C₂₆H₃₅NO₅

Formula Weight : 441.57

Chemical Name : 6-((3,5-di-tert-butyl-4-hydroxyphenyl)(morpholino)methyl)benzo[d][1,3]dioxol-5-ol



Description : 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; 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.

Pathway : JAK/STAT Signaling

Target : STAT

Receptor : STAT

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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