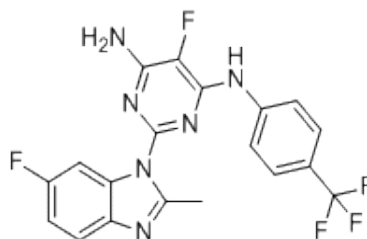


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :PTC-596
Cat.No. :URK-V617
CAS No. :1610964-64-1
Molecular Formula :C₁₉H₁₃F₅N₆
Molecular Weight :420.347
Target :BMI-1
Solubility :



Biological Activity

PTC-596 (PTC596) is a novel, orally active, small molecule inhibitor of BMI-1 that accelerates BMI-1 degradation, inhibits AML cells growth with IC₅₀ of <100 nM; PTC-596 is a direct microtubule polymerization inhibitor; reduces total BMI-1 protein levels by 87% and 61% in MOLM-13 and OCI-AML3 cells at 100 nM, induces apoptosis and reduces the levels of ubiquitinated histone H2A; downregulates MCL-1 and induces p53-independent mitochondrial apoptosis in acute myeloid leukemia progenitor cells.

Ovarian Cancer

Phase 1 Clinical

References

Nishida Y, et al. Blood Cancer J. 2017 Feb 17;7(2):e527

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

JACK@UREIKO-CHEM.COM