

# SUPPLEMENTARY INFORMATION

## Identification and Preliminary Structure-Activity Relationship Studies of 1,5-Dihydrobenzo[*e*][1,4]oxazepin-2(3*H*)-ones That Induce Differentiation of Acute Myeloid Leukemia Cells In Vitro

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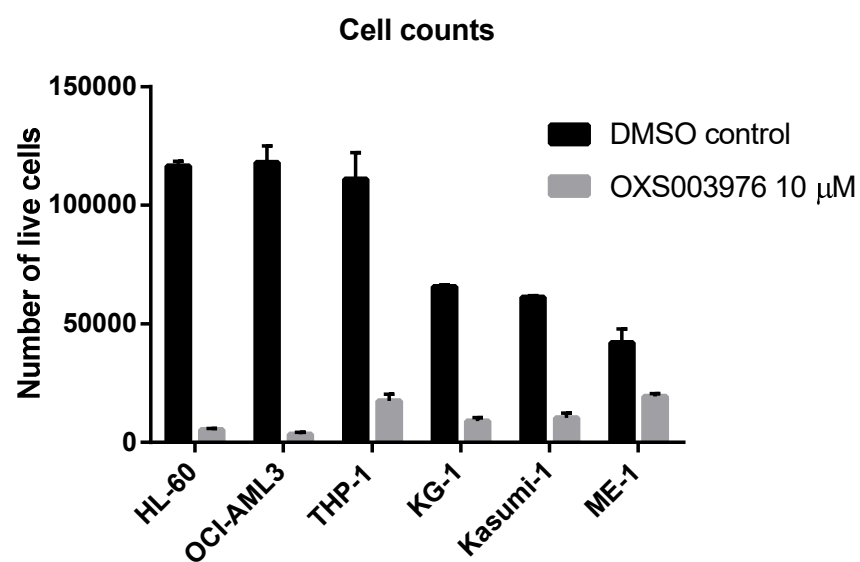
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A



B

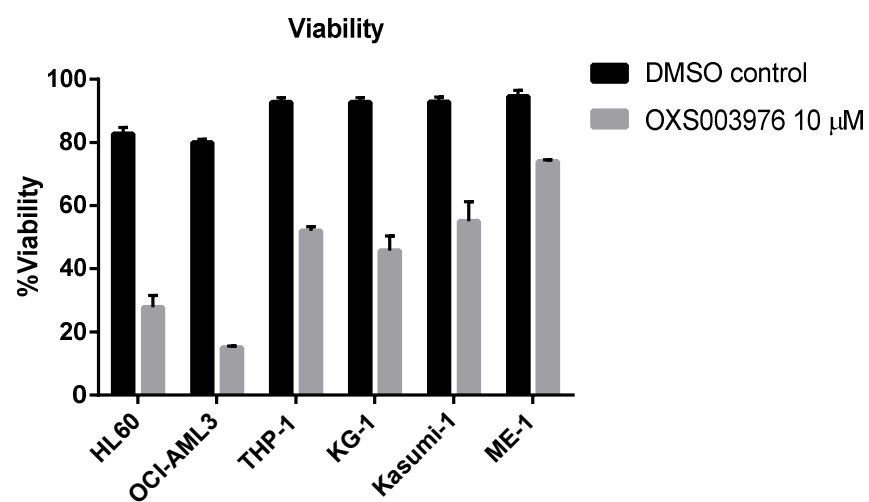


Figure S1. A) Number of live cells per well and B) %viability of cell lines treated with either DMSO control or 10  $\mu$ M OXS003976 over 4 days, determined with acridine orange and DAPI.

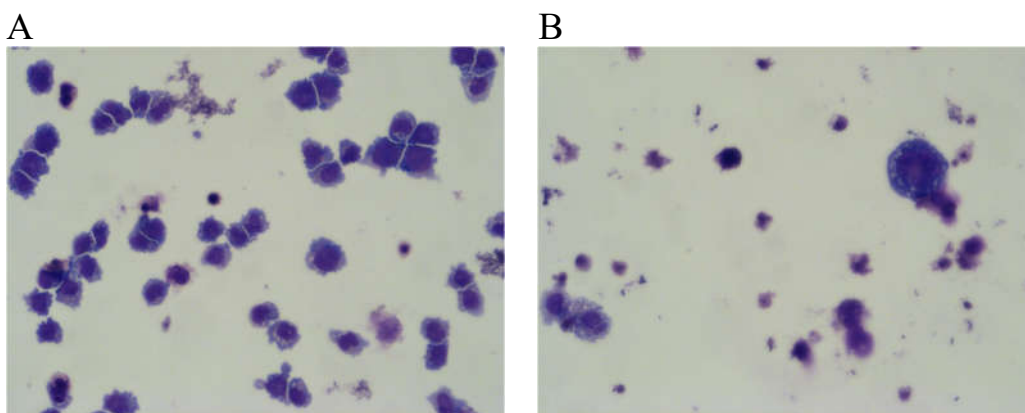


Figure S2. Cytopins of OCI-AML3 cells treated with (A) DMSO control or (B) 10  $\mu$ M OXS003976 stained with Modified Wright stain.

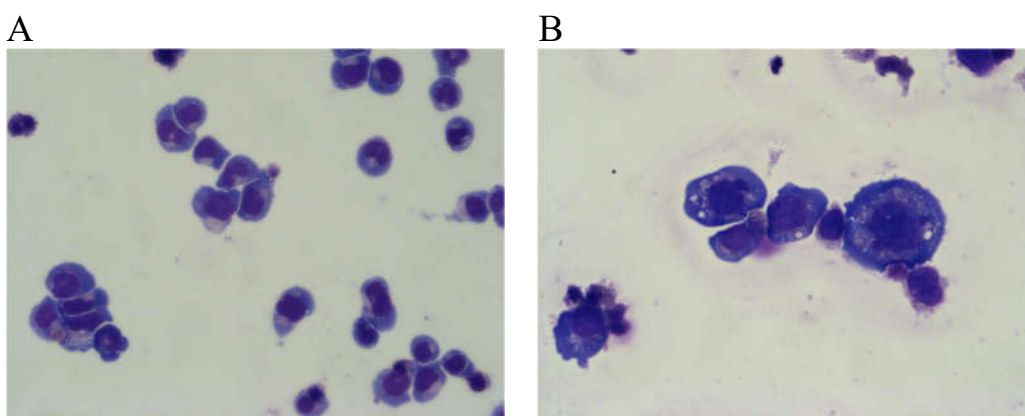


Figure S3. Cytopins of THP-1 cells treated with (A) DMSO control or (B) 10  $\mu$ M OXS003976 stained with Modified Wright stain.

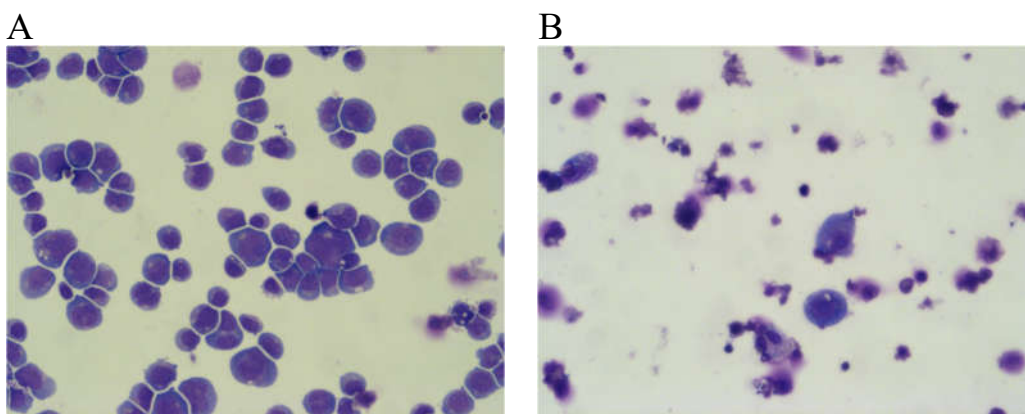


Figure S4. Cytopins of KG-1 cells treated with (A) DMSO control or (B) 10  $\mu$ M OXS003976 stained with Modified Wright stain.

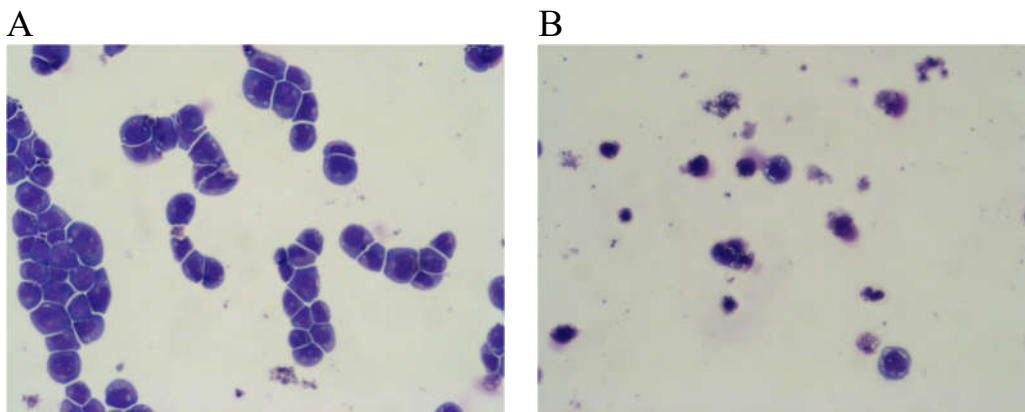


Figure S5. Cytopins of Kasumi-1 cells treated with (A) DMSO control or (B) 10  $\mu\text{M}$  OXS003976 stained with Modified Wright stain.

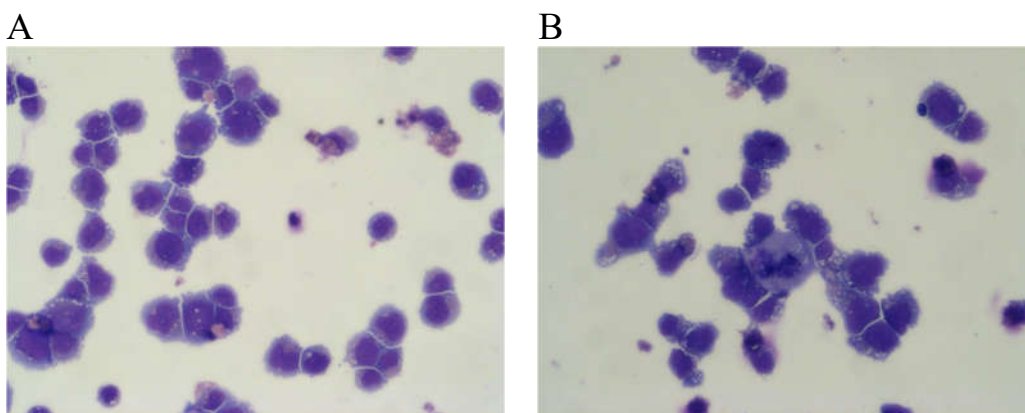


Figure S6. Cytopins of ME-1 cells treated with (A) DMSO control or (B) 10  $\mu\text{M}$  OXS003976 stained with Modified Wright stain.

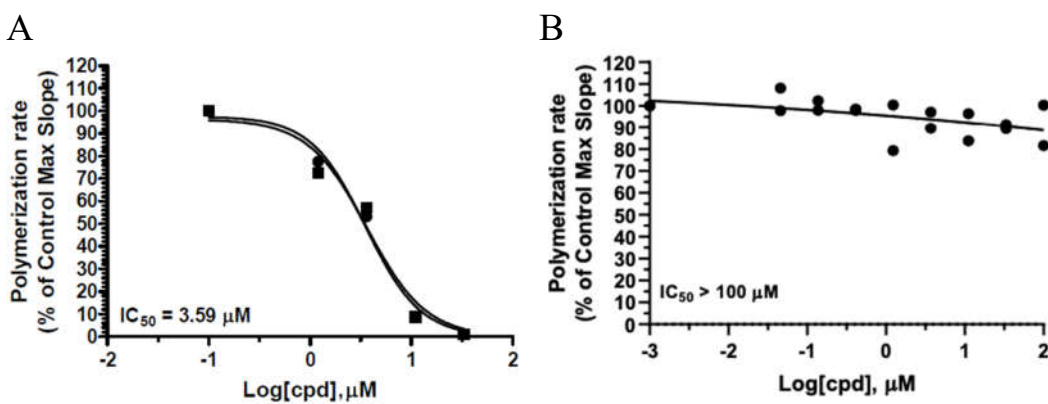


Figure S7. Inhibition of tubulin polymerisation by (A) OXS007002 and (B) **25**.