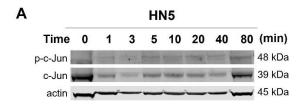
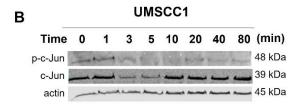
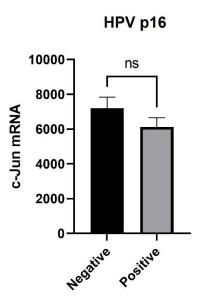


**Figure S1.** A-DiFiD demonstrates comparable cytotoxicity to existing c-Jun inhibitors. Small molecule inhibitors (A) CC-90001 and (B) SP600125 inhibitory concentration 50 (IC $_{50}$ ) on HN5 HNSCC cell line expressed by percent survival





**Figure S2.** A-DiFiD attenuates c-Jun levels in HNSCC. HNSCC cells  $(2 \times 10^5 \text{ cells})$  HN5 (A) and UMSCC1 (B) were treated with IC<sub>50</sub> concentrations of A-DiFiD and protein lysate collected over various time points



**Figure S3.** HNSCC HPV positivity does not affect c-Jun expression. JUN mRNA levels from TCGA (Firehose Legacy) as shown in transcripts per million