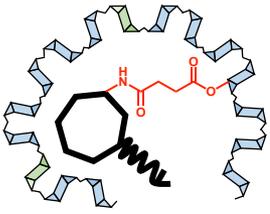


Colistin

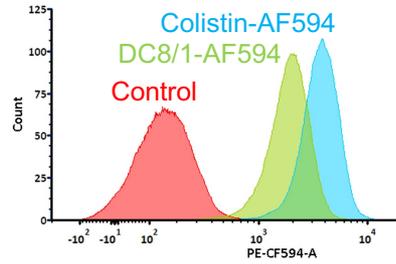
Acute myeloid leukemia cell



Dextrin-colistin conjugate DC8/1

LSD1

Internalisation (flow cytometry)

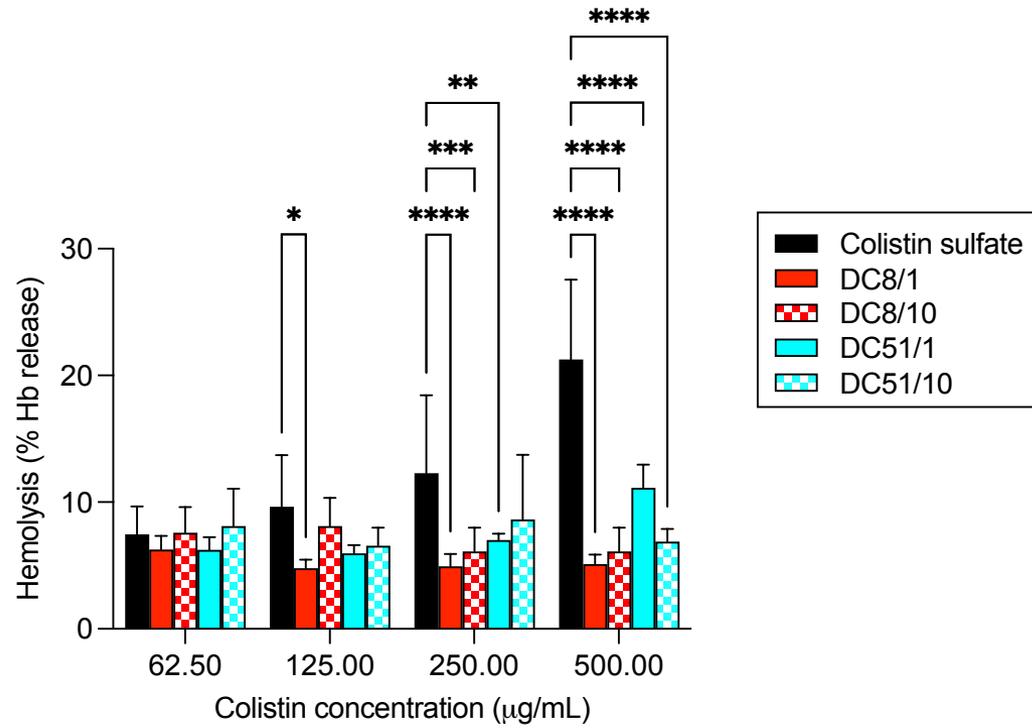


By necrosis
 $IC_{50}: 888 \mu\text{g/mL}$

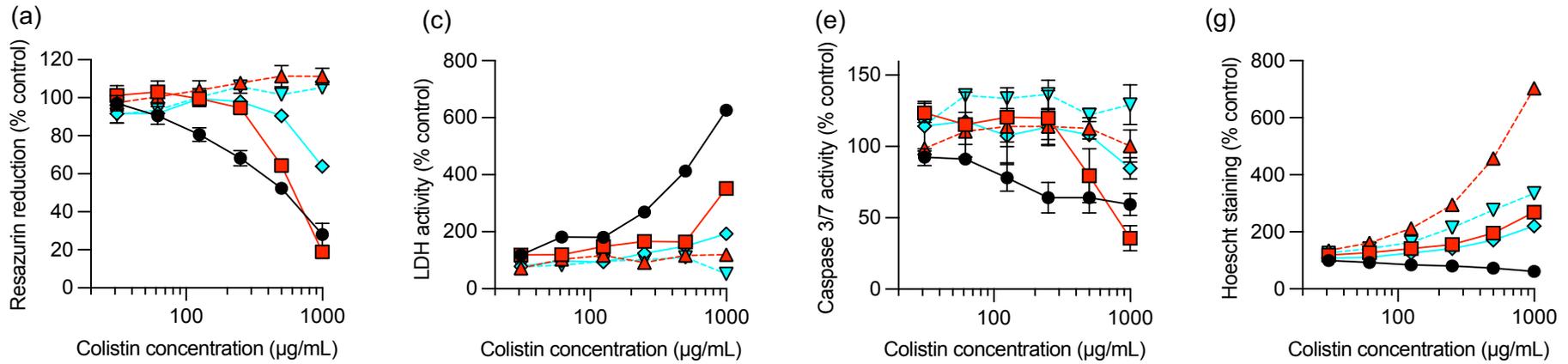
Cell death

By caspase 3/7 apoptosis
 $IC_{50}: 239 \mu\text{g/mL}$

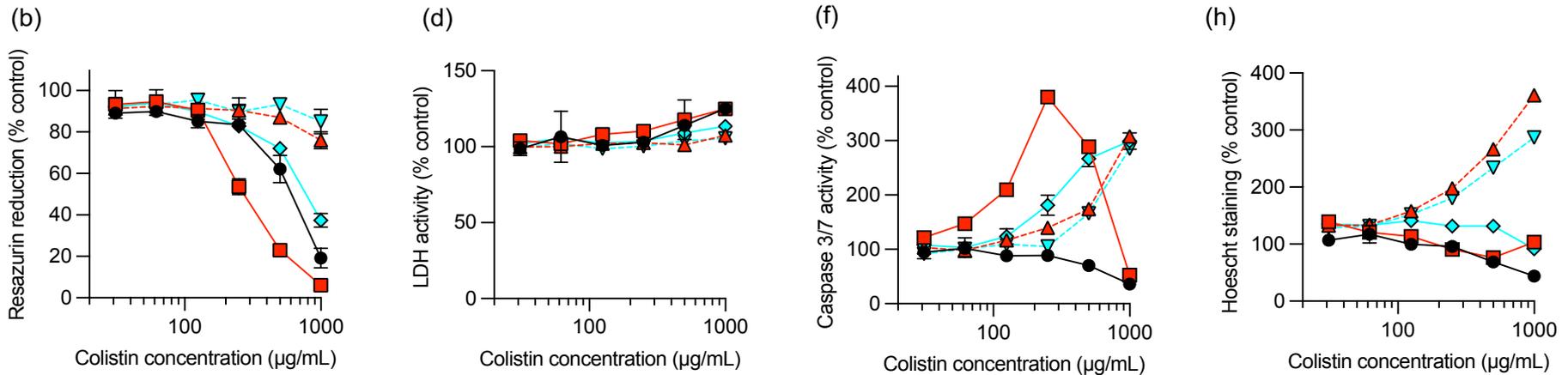
*in MV-4-11 cells, concentration given as mean colistin base



HK-2 (kidney) cells (24 h incubation)



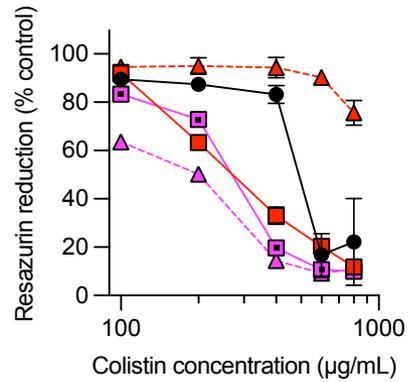
TF-1 (leukemia) cells (24 h incubation)



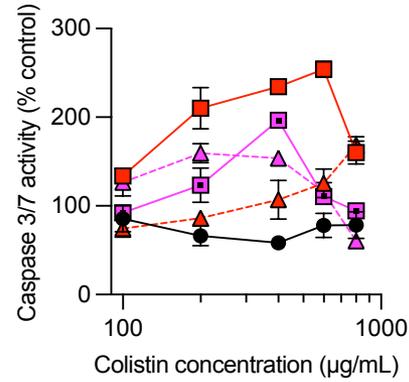
● Colistin sulfate ■ DC8/1 ▲ DC8/10 ◆ DC51/1 ▼ DC51/10

24 h timepoint

(a)



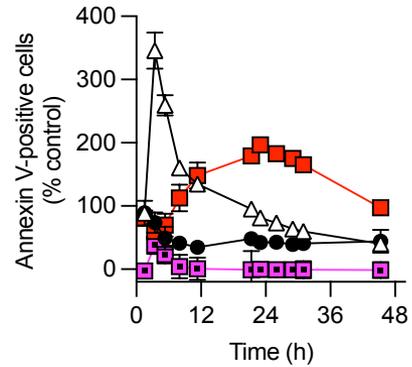
(b)



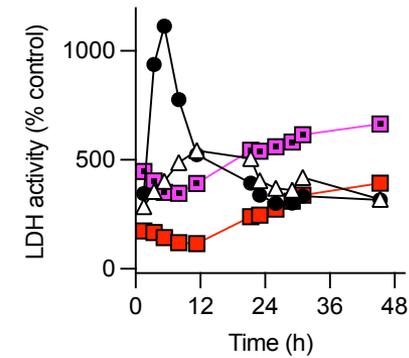
● Colistin sulfate ■ DC8/1 ▲ DC8/10 ■ DC8/1e ▲ DC8/10e

Timecourse (0-48 h)

(c)



(d)



△ Positive control (staurosporine/ Triton-X100) ● Colistin ■ DC8/1 ■ DC8/1e

