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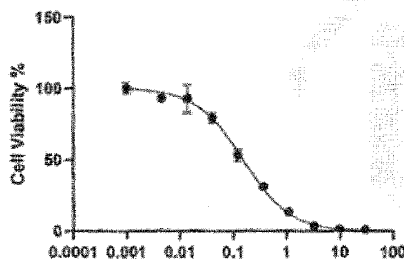
(54) Title: TELOMERE-TARGETING PHOSPHATIDYL-THIO CONJUGATES

Compound L6 In Vitro, 96 h treatment:

Colorectal Cancer Human

HT-29 Cells

A)



Colorectal Cancer Murine

CT-26 Cells

(57) Abstract: Disclosed herein are telomere-targeting phos-
phatidyl-thio conjugates comprising nucleoside analogs 6-thio-2'-
deoxyguanosine and 6-thioguanosine, that target telomers in can-
cer cells as well as pharmaceutical compositions thereof, and ther-
apeutic methods for the administration of a therapeutically effec-
tive amount of the telomere-targeting phosphatidyl-thio conjugate
compounds to treat cancers, such as colorectal cancer, non-small
cell lung cancer and hepatocellular cancer.

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