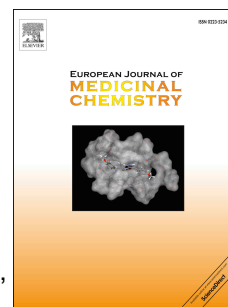


Accepted Manuscript

Nanomolar anti-sickling compounds identified by ligand-based pharmacophore approach

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Zinc database

lead-like

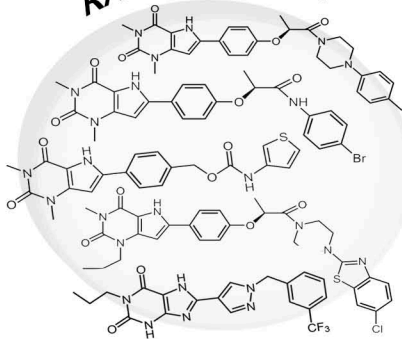
Generation
of model

LBVS

HCA

Activity analysis and mechanism of action

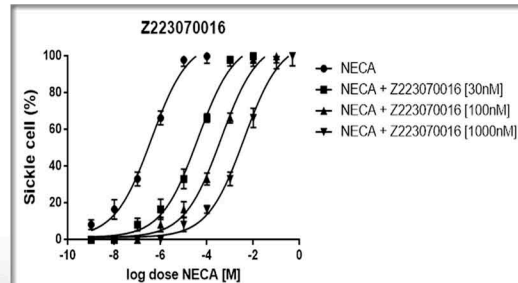
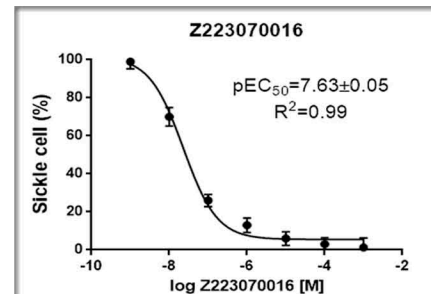
RA2B antagonist



normal RCB

Sickle RBC

Phenotypic assay



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