

**SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS
FOR THEIR USE IN INCREASING TISSUE OXYGENATION**

ABSTRACT

- 5 Provided are substituted benzaldehydes and derivatives thereof that act as allosteric modulators of hemoglobin, methods and intermediates for their preparation, pharmaceutical compositions comprising the modulators, and methods for their use in treating disorders mediated by hemoglobin and disorders that would benefit from increased tissue oxygenation.

[No suitable figure]