

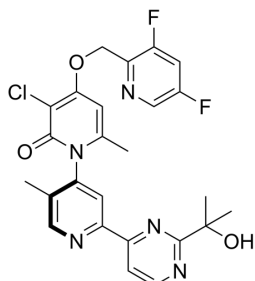
## (R)-Zunsemetinib

Cat. No.: HY-139553A  
 CAS No.: 1640282-44-5  
 Batch No.: 230143  
 Chemical Name: [1(2H),4'-Bipyridin]-2-one, 3-chloro-4-[(3,5-difluoro-2-pyridinyl)methoxy]-2'-[2-(1-hydroxy-1-methyl-ethyl)-4-pyrimidinyl]-5',6-dimethyl-, (2'R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>25</sub>H<sub>22</sub>ClF<sub>2</sub>N<sub>5</sub>O<sub>3</sub>  
 Molecular Weight: 513.92  
 Storage: Powder      -20°C    3 years  
                               4°C      2 years  
                               In solvent   -80°C    6 months  
   -20°C    1 month

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Enantiomeric Excess: 100.00%  
 Purity (HPLC): 97.84%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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