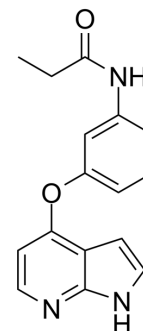


## WZ4141R

<b>Cat. No.:</b>	HY-103016		
<b>CAS No.:</b>	2319589-98-3		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	281.31		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 50 mg/mL (177.74 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.5548 mL	17.7740 mL	35.5480 mL
	5 mM	0.7110 mL	3.5548 mL	7.1096 mL
	10 mM	0.3555 mL	1.7774 mL	3.5548 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
 Solubility: ≥ 1.25 mg/mL (4.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
 Solubility: ≥ 1.25 mg/mL (4.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
 Solubility: ≥ 1.25 mg/mL (4.44 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

WZ4141R is an intermediate in the synthesis of compounds.

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

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