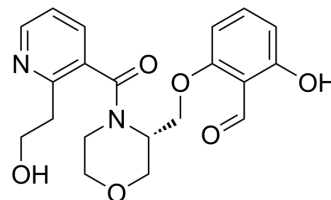


## Osivelotor

**Cat. No.:** HY-148788  
**CAS No.:** 2417955-18-9  
**Molecular Formula:** C<sub>20</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub>  
**Molecular Weight:** 386.4  
**Target:** Others  
**Pathway:** Others  
**Storage:** 4°C, stored under nitrogen, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (258.80 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5880 mL	12.9400 mL	25.8799 mL
5 mM	0.5176 mL	2.5880 mL	5.1760 mL
10 mM	0.2588 mL	1.2940 mL	2.5880 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Osivelotor is an allosteric modulator of haemoglobin S (HbS)<sup>[1]</sup>. Osivelotor can be used in the study of sickle cell disease (SCD).

### REFERENCES

[1]. WHO Drug Information-World Health Organization (WHO).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA