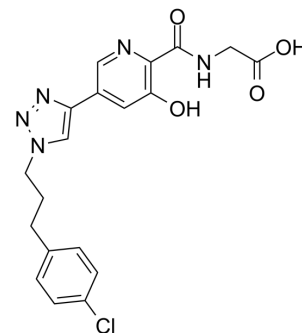


## Prolyl Hydroxylase inhibitor 1

Cat. No.:	HY-112441
CAS No.:	2205125-60-4
Molecular Formula:	C <sub>19</sub> H <sub>18</sub> ClN <sub>5</sub> O <sub>4</sub>
Molecular Weight:	415.83
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Prolyl Hydroxylase inhibitor 1 (Compound 15i) is an orally active hypoxia inducible factor (HIF)-prolyl hydroxylase (PHD) inhibitor with an IC <sub>50</sub> of 62.23 nM <sup>[1]</sup> . Antianemia agent <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 62.23±2.33nM (HIF-PHD) <sup>[1]</sup>

### REFERENCES

[1]. Wu Y, et al. Click Chemistry-Based Discovery of [3-Hydroxy-5-(1 H-1,2,3-triazol-4-yl)picolinoyl]glycines as Orally Active Hypoxia-Inducing Factor Prolyl Hydroxylase Inhibitors with Favorable Safety Profiles for the Treatment of Anemia. J Med Chem. 2018 Jun 28;61(12):5332-5349.

**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