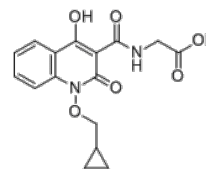


Product Name : Desidustat
Cat. No. : PC-60509
CAS No. : 1616690-16-4
Molecular Formula : C₁₆H₁₆N₂O₆
Molecular Weight : 332.312
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

Desidustat (ZYAN1) is a novel **HIF prolyl hydroxylase (PHD)** inhibitor under clinical development for the treatment of anemia.

Desidustat (ZYAN1) increases circulating EPO levels after acute treatment in mice (10.3±3.7 and 40.0±8.5 fold rise at 15 and 30 mg/kg, respectively).

Desidustat (ZYAN1) demonstrates hematinic potential by combined effects on EPO release and efficient iron utilization in nephrectomized rats.

References

Jain MR, et al. *Drug Res (Stuttg)*. 2016 Feb;66(2):107-12.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com