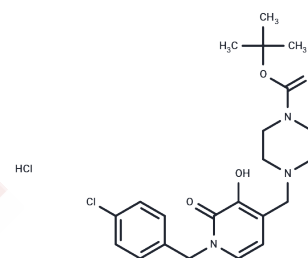


## Izilendustat hydrochloride

## Chemical Properties

CAS No. :	1303513-80-5
Formula:	C <sub>22</sub> H <sub>29</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	470.39
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Izilendustat (hydrochloride) is a potent inhibitor of prolyl hydroxylase that stabilizes hypoxia-inducible factor-1 alpha (HIF-1 $\alpha$ ) and hypoxia-inducible factor-2 (HIF-2), with potential applications in HIF-1 $\alpha$ -related diseases, including peripheral vascular disease (PVD), heart failure, coronary artery disease (CAD), ischaemia, anaemia, colitis, and other inflammatory bowel diseases.
Targets(IC50)	Others,HIF/HIF Prolyl-Hydroxylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1259 mL	10.6295 mL	21.259 mL
5 mM	0.4252 mL	2.1259 mL	4.2518 mL
10 mM	0.2126 mL	1.0629 mL	2.1259 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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