

HIF-1 $\alpha$ -IN-2 hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>5</sub>

Molecular Weight: 397.92

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	HIF-1 $\alpha$ -IN-2 hydrochloride is a potent HIF-1 $\alpha$ inhibitor exhibiting anticancer activity, with IC <sub>50</sub> values of 28 nM in MDA-MB-231 cells and 15 nM in MiaPaCa-2 cells, effectively suppressing HIF-1 $\alpha$ expression by inhibiting transcription and protein translation [1].
Targets(IC <sub>50</sub> )	HIF/HIF Prolyl-Hydroxylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5131 mL	12.5653 mL	25.1307 mL
5 mM	0.5026 mL	2.5131 mL	5.0261 mL
10 mM	0.2513 mL	1.2565 mL	2.5131 mL
50 mM	0.0503 mL	0.2513 mL	0.5026 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**

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