

KRH102053

Chemical Properties

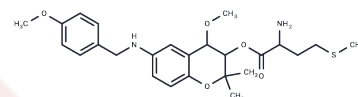
CAS No. : 1353254-53-1

Formula: C₂₅H₃₄N₂O₅S

Molecular Weight: 474.61

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	KRH102053 is a HIF-1α inhibitor. KRH102053 decreased the protein level of HIF-1α and the mRNA levels of HIF-regulated downstream target genes, such as vascular endothelial growth factor, aldolase A, enolase 1 and monocarboxylate transporter 4. Consistent with these results, KRH102053 also inhibited the rates of HIF-related migration and invasion of HOS cells as well as the degree of tube formation in human umbilical vein endothelium cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.107 mL	10.535 mL	21.0699 mL
5 mM	0.4214 mL	2.107 mL	4.214 mL
10 mM	0.2107 mL	1.0535 mL	2.107 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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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