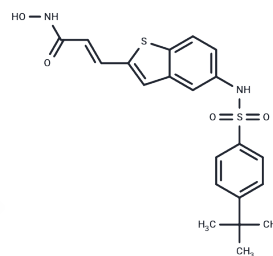


KH-3

Chemical Properties

CAS No. : 1215115-03-9
 Formula: C₂₁H₂₂N₂O₄S₂
 Molecular Weight: 430.54
 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	KH-3 is a potent inhibitor (IC ₅₀ : 0.35 μM) of the RNA-binding protein Hu antigen R (HuR) and exhibits anti-proliferative effects. KH-3 interferes with HuR-FOXQ1 Mrna interactions, inhibits breast cancer cell invasion, and delays lung colony formation.
Targets(IC ₅₀)	Others,HuR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3227 mL	11.6133 mL	23.2266 mL
5 mM	0.4645 mL	2.3227 mL	4.6453 mL
10 mM	0.2323 mL	1.1613 mL	2.3227 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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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