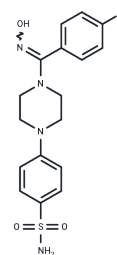


hCAIX-IN-18

Chemical Properties

CAS No. :	2925261-76-1
Formula:	C ₁₇ H ₁₉ ClN ₄ O ₃ S
Molecular Weight:	394.88
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	hCAIX-IN-18 (compound 30), a potent inhibitor of the carbonic anhydrase enzyme family (CA), exhibits K _i values of 3.5 nM for hCAI, 9.4 nM for hCAII, 43.0 nM for hCAIX, and 8.2 nM for hCAXII. This compound is applicable in cancer research [1].
Targets(IC ₅₀)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5324 mL	12.6621 mL	25.3241 mL
5 mM	0.5065 mL	2.5324 mL	5.0648 mL
10 mM	0.2532 mL	1.2662 mL	2.5324 mL
50 mM	0.0506 mL	0.2532 mL	0.5065 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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