

hCAIX/XII-IN-6

Chemical Properties

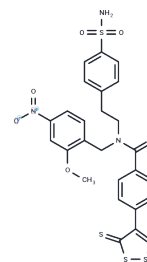
CAS No. :

Formula: C₂₆H₂₃N₃O₆S₄

Molecular Weight: 601.74

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/XII-IN-6, an orally active carbonic anhydrase (CA) inhibitor, targets human CA isoforms hCA I, II, IV, IX, and XII with inhibition constants (K _i) of 6697 nM, 2950 nM, 4093 nM, 4.1 nM, and 7.7 nM, respectively. This compound is utilized in rheumatoid arthritis (RA) research.
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6618 mL	8.3092 mL	16.6185 mL
5 mM	0.3324 mL	1.6618 mL	3.3237 mL
10 mM	0.1662 mL	0.8309 mL	1.6618 mL
50 mM	0.0332 mL	0.1662 mL	0.3324 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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