

hCAII/XII-IN-1

Chemical Properties

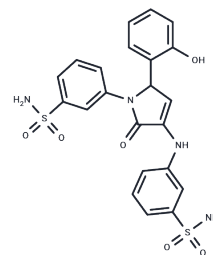
CAS No. :

Formula: C₂₂H₂₀N₄O₆S₂

Molecular Weight: 500.547

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	hCAII/XII-IN-1 (compound 4l) is a potent inhibitor of hCAII and hCAIX, with K _i values of 8.4 nM and 9.4 nM, respectively. It plays a significant role in cancer research.
Targets(IC ₅₀)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9978 mL	9.989 mL	19.978 mL
5 mM	0.3996 mL	1.9978 mL	3.9956 mL
10 mM	0.1998 mL	0.9989 mL	1.9978 mL
50 mM	0.040 mL	0.1998 mL	0.3996 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481