

hCAIX/XII-IN-14

Chemical Properties

CAS No. :

Formula: C₁₆H₁₄F₃N₃O₄S

Molecular Weight: 401.36

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-14 (Compound 1i) is an inhibitor of hCAIX and hCAXII, with K _i values of 9.4 nM for hCAII, 5.6 nM for hCAIX, and 6.3 nM for hCAXII.
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4915 mL	12.4576 mL	24.9153 mL
5 mM	0.4983 mL	2.4915 mL	4.9831 mL
10 mM	0.2492 mL	1.2458 mL	2.4915 mL
50 mM	0.0498 mL	0.2492 mL	0.4983 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481