

hCAII-IN-3

Chemical Properties

CAS No. :

Formula: C17H21N3O3S

Molecular Weight: 347.43

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-IN-3 (Compound 16) is an inhibitor of human carbonic anhydrase (hCA) with high affinity for hCA I, hCA II, hCA IX, and hCA XII, exhibiting Ki values of 403.8 nM, 5.1 nM, 10.2 nM, and 5.2 nM, respectively. Notably, hCA IX-IN-2 demonstrates anticancer activity [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8783 mL	14.3914 mL	28.7828 mL
5 mM	0.5757 mL	2.8783 mL	5.7566 mL
10 mM	0.2878 mL	1.4391 mL	2.8783 mL
50 mM	0.0576 mL	0.2878 mL	0.5757 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