

hCAII-IN-6

Chemical Properties

CAS No. :

Formula: C₂₀H₂₅N₃O₄S

Molecular Weight: 403.5

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-6 (Compound S-13), a potent inhibitor of human carbonic anhydrase II (hCA II) with a K _i of 4.4 nM, also exhibits inhibitory activity against other hCA isoforms, namely I, IV, and IX, with K _i values of 9.2 nM, 480.2 nM, and 14.7 nM, respectively. It is utilized in glaucoma research [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4783 mL	12.3916 mL	24.7831 mL
5 mM	0.4957 mL	2.4783 mL	4.9566 mL
10 mM	0.2478 mL	1.2392 mL	2.4783 mL
50 mM	0.0496 mL	0.2478 mL	0.4957 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