

hCAIX-IN-20

Chemical Properties

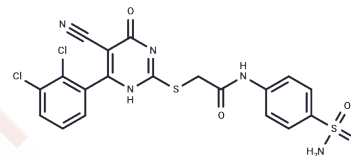
CAS No. : 3047054-26-9

Formula: C₁₉H₁₃Cl₂N₅O₄S₂

Molecular Weight: 510.37

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-IN-20 (compound APBS-5m) is a potent inhibitor of carbonic anhydrase IX (hCA IX), with a K_i of 2.7 nM, playing a significant role in cancer research.
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9594 mL	9.7968 mL	19.5936 mL
5 mM	0.3919 mL	1.9594 mL	3.9187 mL
10 mM	0.1959 mL	0.9797 mL	1.9594 mL
50 mM	0.0392 mL	0.1959 mL	0.3919 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