

hCAI/II-IN-10

## Chemical Properties

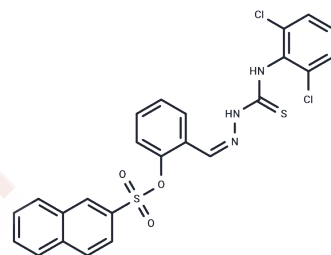
CAS No. :

Formula: C<sub>24</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 530.446

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	hCAI/II-IN-10 (Compound 5d) is an inhibitor of human carbonic anhydrase I and II (hCA I and hCA II), with IC <sub>50</sub> values of 4.32 nM and 3.89 nM, respectively.
Targets(IC <sub>50</sub> )	Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8852 mL	9.426 mL	18.8519 mL
5 mM	0.377 mL	1.8852 mL	3.7704 mL
10 mM	0.1885 mL	0.9426 mL	1.8852 mL
50 mM	0.0377 mL	0.1885 mL	0.377 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