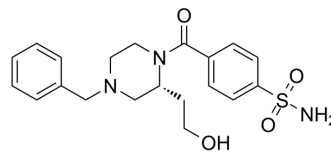


## hCAII-IN-7

Cat. No.:	HY-144268
Molecular Formula:	C <sub>20</sub> H <sub>25</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	403.5
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

hCAII-IN-7 (Compound R-13) is a potent human carbonic anhydrase (hCA) inhibitor with K<sub>i</sub>s of 60.7, 320.7, 2298, and 35.2 nM for hCA I, II, IV and IX, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Chiamonte N, et al. 2-(2-Hydroxyethyl)piperazine derivatives as potent human carbonic anhydrase inhibitors: Synthesis, enzyme inhibition, computational studies and antiglaucoma activity. *Eur J Med Chem.* 2022;228:114026.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA