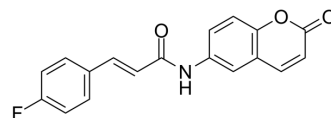


## hCAIX-IN-5

Cat. No.:	HY-147662
CAS No.:	2451479-57-3
Molecular Formula:	C <sub>18</sub> H <sub>12</sub> FNO <sub>3</sub>
Molecular Weight:	309.29
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	hCAIX-IN-5 (compound 6b) is a potent and selective hCAIX inhibitor with K <sub>i</sub> s of >10000, >10000, 130.7, 829.1 nM for hCAI, hCAII, hCAIV, hCAIX, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>i</sub> : >10000 nM (hCAI); >10000 nM (hCAII); 130.7 nM (hCAIV); 829.1 nM (hCAIX) <sup>[1]</sup>

### REFERENCES

[1]. Swain B, et al. New coumarin/sulfocoumarin linked phenylacrylamides as selective transmembrane carbonic anhydrase inhibitors: Synthesis and in-vitro biological evaluation. *Bioorg Med Chem*. 2020 Aug 1;28(15):115586.

**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