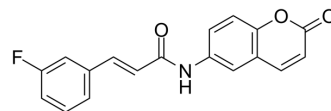


hCAIX-IN-7

Cat. No.:	HY-147665
CAS No.:	2451479-58-4
Molecular Formula:	C ₁₈ H ₁₂ FNO ₃
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-7 (compound 6c) is a potent and selective hCAIX inhibitor with K _i s of >10000, >10000, 43.0, 410.6 nM for hCAI, hCAII, hCAIV, hCAIX, respectively ^[1] .
IC ₅₀ & Target	K _i : >10000 nM (hCAI); >10000 nM (hCAII); 43.0 nM (hCAIV); 410.6 nM (hCAIX) ^[1]

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.

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