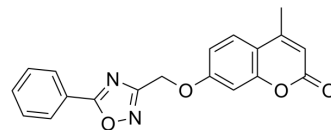


hCAIX/XII-IN-2

Cat. No.:	HY-146257
CAS No.:	2414629-82-4
Molecular Formula:	C ₁₉ H ₁₄ N ₂ O ₄
Molecular Weight:	334.33
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/XII-IN-2 (compound 6a) is a potent and selective hCAIX and hCAXII inhibitor with K _i values of >10000, >10000, 30.0, 3.6 nM for hCAI, hCAII, hCAIX and hCAXII, respectively ^[1] .
IC ₅₀ & Target	K _i : >10000 nM (hCAI); >10000 nM (hCAII); 30.0 nM (hCAIX); 3.6 nM (hCAXII) ^[1] .

REFERENCES

[1]. Thacker PS, et al. Design, synthesis and biological evaluation of coumarin linked 1,2,4-oxadiazoles as selective carbonic anhydrase IX and XII inhibitors. Bioorg Chem. 2020 May;98:103739.

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

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