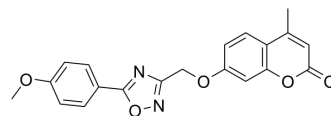


hCAIX/XII-IN-4

Cat. No.:	HY-146259
CAS No.:	1119200-33-7
Molecular Formula:	C ₂₀ H ₁₆ N ₂ O ₅
Molecular Weight:	364.35
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-4 (compound 6c) is a potent CAIX/XII inhibitor with the K _i values of 4.5 nM, 23.6 nM, >10000 nM and >10000 nM for CAXII, CAIX, CAI and CA β , respectively ^[1] .
IC ₅₀ & Target	K _i : 4.5 nM (CAXII), 4.5 nM (CAXII), >10000 nM (CAI), and > 10000 nM (CA β) ^[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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