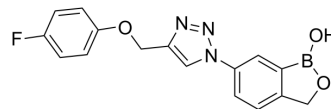


hCAIX/VII-IN-1

Cat. No.:	HY-149329
Molecular Formula:	C ₁₆ H ₁₃ BFN ₃ O ₃
Molecular Weight:	325.1
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/VII-IN-1 is a selective hCA VII/IX inhibitor. hCAIX/VII-IN-1 inhibit hCA α , hCA β , hCA γ , hCA δ and hCA ξ with K _i values of 336.2 nM, 185.8 nM, 1055 nM, 35.6 nM and 28.0 nM, respectively. hCAIX/VII-IN-1 can be used for the research of cancer and neurological diseases ^[1] .
IC ₅₀ & Target	Ki: hCA α (336.2 nM), hCA β (185.8 nM), hCA γ (1055 nM), hCA δ (35.6 nM), hCA ξ (28.0 nM) ^[1] .

REFERENCES

[1]. Nocentini A, et al. 6-Substituted Triazolyl Benzoxaboroles as Selective Carbonic Anhydrase Inhibitors: In Silico Design, Synthesis, and X-ray Crystallography. J Med Chem. 2023 Jun 22;66(12):8118-8129.

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

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