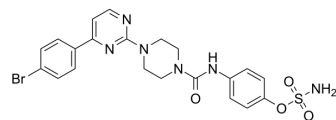


hCAII-IN-1

Cat. No.:	HY-146982
CAS No.:	1807520-24-6
Molecular Formula:	C ₂₁ H ₂₁ BrN ₆ O ₄ S
Molecular Weight:	533.4
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

hCAII-IN-1 (compound 7f) is a potent and selective inhibitor of carbonic anhydrase (CA II/IX) with K_is of 1.2 and 113.6 nM, respectively. hCAII-IN-1 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. Nocentini A, et al. Sulfonamide/sulfamate switch with a series of piperazinylureido derivatives: Synthesis, kinetic and in silico evaluation as carbonic anhydrase isoforms I, II, IV, and IX inhibitors. *Eur J Med Chem.* 2020;186:111896.

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

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