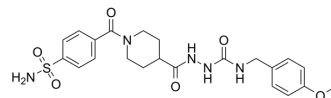


hCAXII-IN-4

Cat. No.:	HY-146252
CAS No.:	2414601-79-7
Molecular Formula:	C ₂₂ H ₂₇ N ₅ O ₆ S
Molecular Weight:	489.54
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hCAXII-IN-4 (compound 5j) is a potent and selective CA XII inhibitor with an K _i value of 6.4 nM for human CA XII ^[1] .
IC ₅₀ & Target	K _i : 129.8 nM (hCAI), 40.7 nM (hCAII), 45.3 nM (hCAIX), 6.4 nM (hCAXII) ^[1]

REFERENCES

[1]. Moi D, et al. Appliance of the piperidinyI-hydrazidoureido linker to benzenesulfonamide compounds: Synthesis, in vitro and in silico evaluation of potent carbonic anhydrase II, IX and XII inhibitors. Bioorg Chem. 2020 May;98:103728.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA