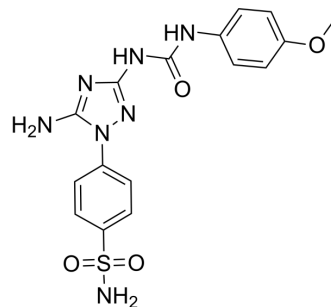


HCAIX-IN-1

Cat. No.:	HY-146206
CAS No.:	2389034-65-3
Molecular Formula:	C ₁₆ H ₁₇ N ₇ O ₄ S
Molecular Weight:	403.42
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-IN-1 (compound 21e) is a potent and selective HCAIX inhibitor with K _i s of 694.9, 126.6, 3.3, 9.8 nM for hCA I, hCA II, hCA IX, hCA XII, respectively ^[1] .			
IC₅₀ & Target	hCA I 694.9 nM (Ki)	hCA II 126.6 nM (Ki)	hCA IX 3.3 nM (Ki)	hCA XII 9.8 nM (Ki)

REFERENCES

[1]. Said MA, et al. Synthesis, biological and molecular dynamics investigations with a series of triazolopyrimidine/triazole-based benzenesulfonamides as novel carbonic anhydrase inhibitors. *Eur J Med Chem.* 2020 Jan 1;185:111843.

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

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