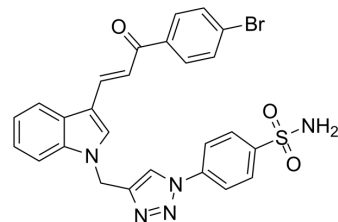


hCA I-IN-2

Cat. No.:	HY-147986
CAS No.:	2417232-12-1
Molecular Formula:	C ₂₆ H ₂₀ BrN ₅ O ₃ S
Molecular Weight:	562.44
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hCA I-IN-2 (Compound 6d) is a selective human carbonic anhydrase I (hCA I) inhibitor with K _i values of 18.8, 375.1, 1721 and 283.9 nM against hCA I, hCA II, hCAIX and hCAXII, respectively ^[1] .
IC₅₀ & Target	K _i : 18.8 nM (hCA I), 283.9 nM (hCAXII), 375.1 nM (hCA II), 1721 nM (hCA IX) ^[1]

REFERENCES

[1]. Singh P, et al. Synthesis and carbonic anhydrase inhibition studies of sulfonamide based indole-1,2,3-triazole chalcone hybrids. Bioorg Chem. 2020 Jun;99:103839.

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