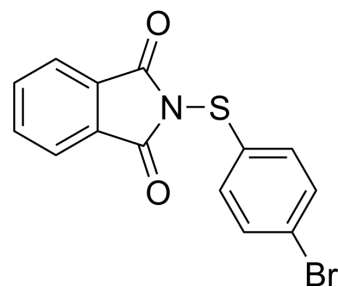


hCAI/II-IN-7

Cat. No.:	HY-157321
CAS No.:	14204-32-1
Molecular Formula:	C ₁₄ H ₈ BrNO ₂ S
Molecular Weight:	334.19
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hCAI/II-IN-7 (compound 1F) is a potent carbonic anhydrase (CA) inhibitor with K _i values of 23 nM, 44 nM and 20.57 μM for hCA-I, hCA-II and bovine CA, respectively ^[1] .		
IC₅₀ & Target	hCA I 23 nM (Ki)	hCA II 44 nM (Ki)	bovine CA 20.57 μM (Ki)

REFERENCES

[1]. Hasan Yakan, et al. Inhibitory effects of sulfenimides on human and bovine carbonic anhydrase enzymes. J Enzyme Inhib Med Chem. 2023 Dec;38(1):2194573.

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

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