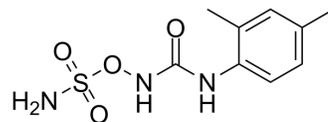


hCA VB-IN-1

Cat. No.:	HY-147956
Molecular Formula:	C ₉ H ₁₃ N ₃ O ₄ S
Molecular Weight:	259.28
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 VB-IN-1 (compound 15) is a potent and selective hCA VB (carbonic anhydrase) inhibitor, with a K _i of 515.7 nM ^[1] .
IC ₅₀ & Target	K _i : 515.7 nM (hCA VB), 4326.1 nM (hCA II), >10000 nM (hCA I), >10000 nM (hCA VA) ^[1]

REFERENCES

[1]. Poli G, et al. N-aryl-N'-ureido-O-sulfamates as potent and selective inhibitors of hCA VB over hCA VA: Deciphering the binding mode of new potential agents in mitochondrial dysfunctions. *Bioorg Chem.* 2020 Jul;100:103896.

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

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