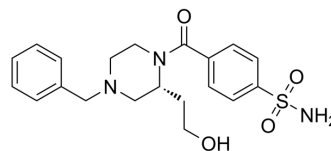


Carbonic anhydrase inhibitor 8

Cat. No.:	HY-115984
Molecular Formula:	C ₂₀ H ₂₅ N ₃ O ₄ S
Molecular Weight:	403.5
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carbonic anhydrase inhibitor 8 (compound R-13), a benzyl-derivative, is a potent human carbonic anhydrase (hCA) inhibitor with K_i values of 60.7 nM, 320.7 nM, 2298 nM for hCA I, hCA II, hCA IV, respectively^[1].

REFERENCES

[1]. Niccolò Chiamonte, et al. 2-(2-Hydroxyethyl)piperazine derivatives as potent human carbonic anhydrase inhibitors: Synthesis, enzyme inhibition, computational studies and antiglaucoma activity. *Eur J Med Chem.* 2022 Jan 15;228:114026.

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

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