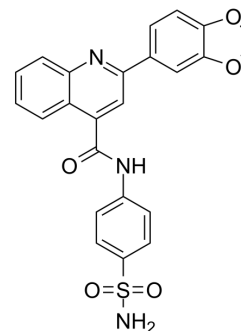


Carbonic anhydrase inhibitor 7

Cat. No.:	HY-144641
CAS No.:	546105-61-7
Molecular Formula:	C ₂₃ H ₁₇ N ₃ O ₅ S
Molecular Weight:	447.46
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 7 (compound 5b) is a potent inhibitor of human carbonic anhydrase (hCA), with K_i s of 6.5 nM, 7.1 nM, 72.1 nM, and 255.8 nM for hCA IX, hCA II, hCA XII and hCA I, respectively^[1].

REFERENCES

[1]. Swain B, et, al. Exploration of 2-phenylquinoline-4-carboxamide linked benzene sulfonamide derivatives as isoform selective inhibitors of transmembrane human carbonic anhydrases. *Eur J Med Chem.* 2022 Apr 15;234:114247.

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

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