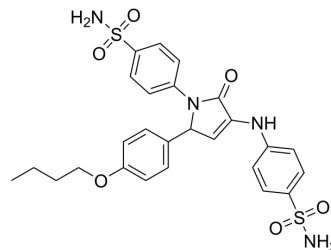


Carbonic anhydrase inhibitor 18

Cat. No.:	HY-163268
Molecular Formula:	C ₂₆ H ₂₈ N ₄ O ₆ S ₂
Molecular Weight:	556.65
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 18 (Compound 9) is a human carbonic anhydrase (hCA) isoform inhibitor, with K_is of 604.8, 333.6, 1.9 and 6.7 nM for hCA I, hCA II, hCA IX and hCA XII, respectively. Carbonic anhydrase inhibitor 18 can be used for the research of cancer^[1].

REFERENCES

[1]. Al-Matarneh CM, et al. Synthetic Approaches to Novel Human Carbonic Anhydrase Isoform Inhibitors Based on Pyrrol-2-one Moiety. J Med Chem. 2024 Feb 1.

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

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