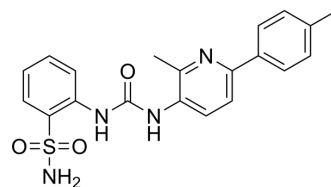


## WES-1

Cat. No.:	HY-155522
CAS No.:	2748673-86-9
Molecular Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	396.46
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

WES-1 (Compound 8g) is an inhibitor of carbonic anhydrase IX (K<sub>i</sub>: 55.9 μM). WES-1 has broad spectrum anti-proliferative activity against the cancer cells, such as leukemia (K-562 and MOLT-4), non-small cell lung cancer (NCI-H460), colon cancer (HCT 116 and HCT-15) and melanoma (LOX IMVI) cell lines<sup>[1]</sup>.

## REFERENCES

[1]. Eldehna WM, et al. Design and synthesis of 6-arylpyridine-tethered sulfonamides as novel selective inhibitors of carbonic anhydrase IX with promising antitumor features toward the human colorectal cancer. *Eur J Med Chem.* 2023 Oct 5;258:115538.

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

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