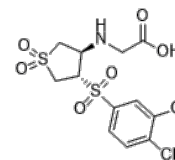


Product Name : CBR-470-2
Cat. No. : PC-24726
CAS No. : 2416095-00-4
Molecular Formula : C₁₂H₁₃Cl₂NO₆S₂
Molecular Weight : 402.26
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



CAS: 2416095-00-4

Biological Activity

CBR-470-2 is a small molecule inhibitor of glycolytic enzyme phosphoglycerate kinase 1 (PGK1), activates NRF2 signaling in vitro and in vivo.

CBR-470-2 attenuated NF-κB signaling, decreasing transcriptional output in response to several canonical NF-κB activating stimuli.

References

Bollong MJ, et al. Nature. 2018 Oct;562(7728):600-604.

Caroline Stanton, et al. bioRxiv [Preprint]. 2025 May 16:2025.05.13.653579.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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