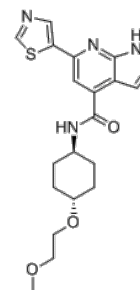


Product Name : MK-0159
Cat. No. : PC-47057
CAS No. : 2641484-61-7
Molecular Formula : C₂₀H₂₄N₄O₃S
Molecular Weight : 400.497
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

MK-0159 is a highly potent, orally bioavailable **CD38** enzymatic inhibitor with IC₅₀ of 3 nM (murine CD38) in in vitro assays. MK-0159 showed strong protection from myocardial damage upon cardiac I/R injury compared to those treated with NAD⁺ precursors (nicotinamide riboside) or the known CD38 inhibitor, 78c.

References

Bharat Lagu, et al. J Med Chem. 2022 Jun 28. doi: 10.1021/acs.jmedchem.2c00688.

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

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