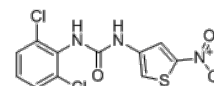


Product Name : DFP00173
Cat. No. : PC-36121
CAS No. : 672286-03-2
Molecular Formula : C₁₁H₇Cl₂N₃O₃S
Molecular Weight : 332.155
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

DFP00173 (DFP 00173) is a potent and selective aquaporin-3 (**AQP3**) inhibitor with IC₅₀ of 0.9-1.4 μM for mouse and human AQP3, with low efficacy toward mouse AQP7 and AQP9.

DFP00173 inhibits glycerol permeability in erythrocytes with IC₅₀ of 0.2 μM, agreed well with the inhibition of water permeability in CHO cells.

References

Sonntag Y, et al. *J Biol Chem*. 2019 Mar 11. pii: jbc.RA118.006083. doi: 10.1074/jbc.RA118.006083.

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

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