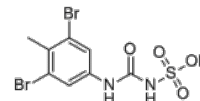


Product Name : SPAA-52
Cat. No. : PC-49364
CAS No. : 2837000-75-4
Molecular Formula : C₈H₈Br₂N₂O₄S
Molecular Weight : 388.030
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

SPAA-52 is a highly potent, selective inhibitor of the low-molecular-weight protein tyrosine phosphatase (**LMW-PTP**) with K_i of 1.2 nM, >8000-fold selectivity over other PTPs.

SPAA-52 shows equipotent potency across rat, mouse and human LMW-PTP enzymes with IC_{50} of 3, 3 and 4 nM, respectively.

References

Rongjun He, et al. *J Med Chem*. 2022 Oct 27;65(20):13892-13909.

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

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