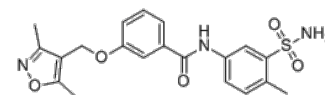


**Product Name** : Z62954982  
**Cat. No.** : PC-63241  
**CAS No.** : 1090893-12-1  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>5</sub>S  
**Molecular Weight** : 415.464  
**Target** : Small GTPase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Z62954982 is a potent, specific **Rac1** inhibitor, reduces the intracellular levels of Rac1-GTP in a concentration-dependent manner with IC<sub>50</sub> of 12 uM, 4 times more effective than NSC23766 (IC<sub>50</sub>=50 uM).

Z62954982 causes a concentration-dependent decrease in transendothelial electrical resistance (TER) in both HDMEC and HUVEC.

## References

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Yamaguchi N, et al. *Sci Rep*. 2015 Jan 7;5:7656.

Ferri N, et al. *J Med Chem*. 2009 Jul 23;52(14):4087-90.

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

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