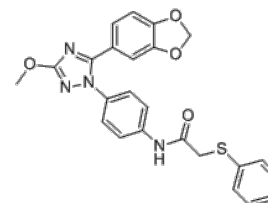


Product Name : SecinH3
Cat. No. : PC-61174
CAS No. : 853625-60-2
Molecular Formula : C₂₄H₂₀N₄O₄S
Molecular Weight : 460.5
Target : Small GTPase
Solubility : 10 mM in DMSO



Biological Activity

SecinH3 is a selective inhibitor of **small GEFs** of the cytohesin family, blocks human, mouse and Drosophila cytohesins with IC₅₀ of 2.4 to 5.6 μM.

SecinH3 binds to the Sec7 domain of these small Arf-GEFs but does not bind Sec7 domains of larger Arf-GEFs.

small GEFs prevents cytohesin-dependent insulin signaling in HepG2 cells, produces hepatic insulin resistance in mice.

References

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Bi X, et al. *Angew Chem Int Ed Engl*. 2008;47(49):9565-8.

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

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