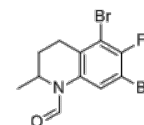


Product Name : CE3F4
Cat. No. : PC-63111
CAS No. : 143703-25-7
Molecular Formula : C₁₁H₁₀Br₂FNO
Molecular Weight : 351.01
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

CE3F4 is a potent, noncompetitive **EPAC1** inhibitor that blocks EPAC1-induced Rap1 activation both in cell-free systems and in intact cells and did not influence protein kinase A holoenzyme activity.

CE3F4 reduces the exchange activity of Epac1 induced by 007 (2 uM) with IC₅₀ of 23 uM.

CE3F4 is a useful pharmacological tools for determining the biological functions of EPAC1 in a wide range of biological processes.

References

Courilleau D, et al. *J Biol Chem*. 2012 Dec 28;287(53):44192-202.

Courilleau D, et al. *Biochem Biophys Res Commun*. 2013 Oct 25;440(3):443-8.

Brown LM, et al. *J Biol Chem*. 2014 Mar 21;289(12):8217-30.

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

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