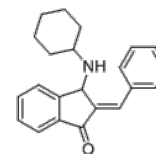


Product Name : DUSP6 inhibitor BCI
Cat. No. : PC-60183
CAS No. : 1245792-51-1
Molecular Formula : C₂₂H₂₃NO
Molecular Weight : 317.43
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

BCI (NSC150117) is a small-molecule, allosteric inhibitor of **DUSP6** (dual-specificity phosphatase 6) with IC₅₀ of 12.3 μM.

BCI (NSC150117) also inhibits human **DUSP1** with IC₅₀ of 11.5 μM.

BCI (NSC150117) suppresses the ERK-induced activation of Dusp6 and regulates heart size in zebrafish.

References

Molina G, et al. *Nat Chem Biol*. 2009 Sep;5(9):680-7.

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

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