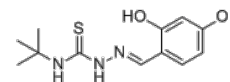


Product Name : IMM-01
Cat. No. : PC-62427
CAS No. : 218795-74-5
Molecular Formula : C₁₂H₁₇N₃O₂S
Molecular Weight : 267.347
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

IMM-01 is a small molecule agonist of mammalian Diaphanous (mDia)-related formins that disrupts diaphanous inhibitory domain (DID) and diaphanous autoregulatory domain (DAD) interaction with IC₅₀ of 140 nM.

IMM-01 sufficiently triggers actin assembly and microtubule stabilization, serum response factor-mediated gene expression, cell-cycle arrest, and apoptosis in vitro.

IMM-01 slows tumor growth in a mouse xenograft model of colon cancer.

References

Lash LL, et al. *Cancer Res.* 2013 Nov 15;73(22):6793-803.

Arden JD, et al. *Mol Biol Cell.* 2015 Nov 1;26(21):3704-18.

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

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