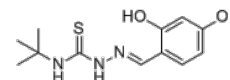


**Product Name** : IMM-01  
**Cat. No.** : PC-62427  
**CAS No.** : 218795-74-5  
**Molecular Formula** : C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 267.347  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### 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 IC<sub>50</sub> 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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