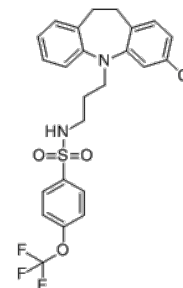


**Product Name** : RTC-5  
**Cat. No.** : PC-62747  
**CAS No.** : 1423077-49-9  
**Molecular Formula** : C<sub>24</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S  
**Molecular Weight** : 510.956  
**Target** : Protein Phosphatase/PTP  
**Solubility** : 10 mM in DMSO



## Biological Activity

RTC-5 (PP2A activator RTC-5, TRC-382) is a dual pathway inhibitor of **PI3K-AKT** and **RAS-ERK** signaling via putative activation of the tumor suppressor **PP2A**, exhibits GI<sub>50</sub> of 12.6 μM against H1650 lung adenocarcinoma cells. RTC-5 (PP2A activator RTC-5, TRC-382) significantly decreases tumor growth in H1650 xenograft in mice.

## References

Kastrinsky DB, et al. *Bioorg Med Chem*. 2015 Oct 1;23(19):6528-34.

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

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