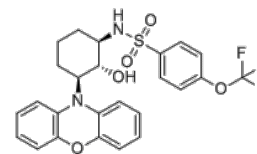


**Product Name** : DT-061  
**Cat. No.** : PC-70158  
**CAS No.** : 1809427-19-7  
**Molecular Formula** : C<sub>25</sub>H<sub>23</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>S  
**Molecular Weight** : 520.523  
**Target** : Protein Phosphatase/PTP  
**Solubility** : 10 mM in DMSO



## Biological Activity

SMAP (DT-061, NZ-8-061) is an orally bioavailable small molecule activator of **PP2A**, inhibits KRAS-driven tumor growth; acts by binding to the PP2A A $\alpha$  scaffold subunit to drive conformational changes in PP2A.

SMAP (DT-061) inhibits the growth of KRAS-mutant lung cancers in mouse xenografts and transgenic models.

## References

Sangodkar J, et al. *J Clin Invest*. 2017 Jun 1;127(6):2081-2090.

Kauko O, et al. *Sci Transl Med*. 2018 Jul 18;10(450). pii: eaaq1093.

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

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