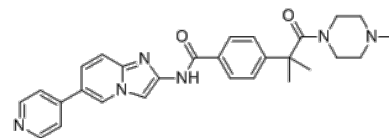


**Product Name** : CLK inhibitor T3  
**Cat. No.** : PC-61021  
**CAS No.** : 2109805-56-1  
**Molecular Formula** : C<sub>28</sub>H<sub>30</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 482.588  
**Target** : Cdc2-like Kinase (CLK)  
**Solubility** : 10 mM in DMSO



### Biological Activity

CLK inhibitor T3 (T3) is a highly potent, selective, and cell-based stable **CDC-like kinase (CLK)** inhibitor with 0.67, 15 and 110 nM for CLK1,2 and 3, respectively.

CLK inhibitor T3 (T3) displays 200-300-fold selectivity over other dual specificity kinases such as DYRK1A and DYRK1B.

CLK inhibitor T3 (T3) induces dose-dependent reduction in exon recognition and exhibits an overlapping, but greater effect on transcriptome splicing compared to KH-CB19.

### References

Funnell T, et al. *Nat Commun.* 2017 Feb 23;8(1):7.

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

E-mail: tech@probechem.com