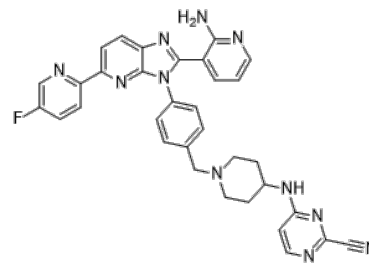


**Product Name** : ALTA-2618  
**Cat. No.** : PC-25099  
**CAS No.** : 3034255-93-8  
**Molecular Formula** : C<sub>33</sub>H<sub>28</sub>N<sub>11</sub>  
**Molecular Weight** : 597.66  
**Target** : Akt  
**Solubility** : 10 mM in DMSO



CAS: 3034255-93-8

### Biological Activity

Tanerasertib (ALTA-2618) is a potent, highly mutant-selective, allosteric **AKT1 E17K** inhibitor with EC<sub>50</sub> of 7 nM, 22-fold selectivity over WT AKT1 and 140-fold selectivity over WT AKT2.

ALTA-2618 demonstrated covalent attachment to the AKT1 E17K protein.

ALTA-2618 induced tumor regressions in AKT1 E17K mutant HR+/HER2low breast cancer, TNBC, and endometrial cancer PDXs at doses as low as 10 mg/kg/d.

### References

Eric A. Murphy, et al. **Cancer Res** (2024) 84 (7\_Supplement): LB173.

Patent WO2024073371 A1.

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

E-mail: tech@probechem.com