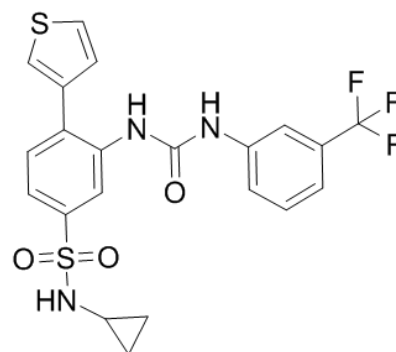


**Product Name** : AGI-6780  
**Cat. No.** : PC-44670  
**CAS No.** : 1432660-47-3  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 481.5111  
**Target** : Isocitrate Dehydrogenase (IDH)  
**Solubility** : DMSO: ≥ 29 mg/mL



### Biological Activity

AGI-6780 is a potent and selective mutant **IDH2 R140Q** inhibitor with IC<sub>50</sub> of 23 nM.

AGI-6780 shows excellent selectivity against other dehydrogenases.

AGI-6780 induces differentiation of TF-1 erythroleukemia and primary human acute myelogenous leukemia cells in vitro.

### References

Wang F, et al. **Science**. 2013 May 3;340(6132):622-6.

Kernysky A, et al. **Blood**. 2015 Jan 8;125(2):296-303.

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

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