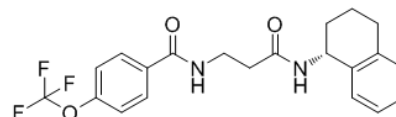


**Product Name** : ML390  
**Cat. No.** : PC-42227  
**CAS No.** : 2029049-79-2  
**Molecular Formula** : C<sub>21</sub>H<sub>21</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 406.3983  
**Target** : Other Targets  
**Solubility** : DMSO: ≥ 27 mg/mL



## Biological Activity

ML390 is a potent **DHODH** inhibitor that causes myeloid differentiation in murine (ER-HoxA9) and human (U937 and THP1) AML models (ED<sub>50</sub>=2 μM).

ML390 but shows low solubility and bioavailability, the relative compound BRQ can be used in vivo.

## References

Sykes DB, et al. *Cell*. 2016 Sep 22;167(1):171-186.e15.

Lewis TA, et al. *ACS Med Chem Lett*. 2016 Sep 28;7(12):1112-1117.

Sykes DB, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

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

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