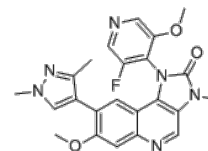


**Product Name** : M4076  
**Cat. No.** : PC-72900  
**CAS No.** : 2495096-26-7  
**Molecular Formula** : C<sub>23</sub>H<sub>21</sub>FN<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 448.458  
**Target** : ATM/ATR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Lartesertib (M4076) is a highly potent, selective, ATP-competitive inhibitor of **ATM** kinase with IC<sub>50</sub> of 0.2 nM. M4076 sensitizes tumor cell lines to radiation therapy in vitro and strongly enhances the anti-tumor activity of ionizing radiation in vivo.

## References

- Stakyte K, et al. *Nat Struct Mol Biol.* 2021 Oct;28(10):789-798.  
Thomas Fuchss, et al. *Cancer Res* (2019) 79 (13\_Supplement): 3500.

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

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