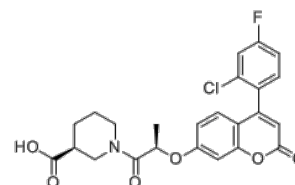


**Product Name** : IMT1B  
**Cat. No.** : PC-72917  
**CAS No.** : 2304621-06-3  
**Molecular Formula** : C<sub>24</sub>H<sub>21</sub>ClFNO<sub>6</sub>  
**Molecular Weight** : 473.88  
**Target** : Other Targets  
**Solubility** :



## Biological Activity

IMT1B (LDC203974) a first-in-class specific inhibitor of mitochondrial transcription that target the human mitochondrial RNA polymerase (POLRMT).

IMT1B is well-tolerated in mice, and suitable for in vivo use.

IMT1B does not cause OXPHOS dysfunction or toxicity in normal tissues, despite inducing a strong anti-tumour response in xenografts of human cancer cells.

## References

Bonekamp NA, et al. Nature. 2020 Dec;588(7839):712-716.

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

E-mail: tech@probechem.com