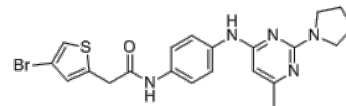


**Product Name** : CHD1Li 6.11  
**Cat. No.** : PC-72745  
**CAS No.** : 2716890-91-2  
**Molecular Formula** : C<sub>21</sub>H<sub>22</sub>BrN<sub>5</sub>OS  
**Molecular Weight** : 472.405  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

CHD1Li 6.11 (OTI-611) is a first in class, orally bioavailable oncogenic **CHD1L** inhibitor with 3.3 uM (CHD1L-cat enzyme activity).

CHD1Li 6.11 exhibits cytotoxicity with IC<sub>50</sub> of 2.59 uM in SW620 parental tumor organoid.

CHD1Li 6.11 significantly reduced the tumor volume of CRC xenografts generated from isolated quasi mesenchymal cells (M-phenotype).

Chromodomain helicase DNA-binding protein 1 like (CHD1L) is an oncogene implicated in tumor progression, multidrug resistance, and metastasis in many types of cancer.

### References

Brett J Prigaro, et al. *J Med Chem.* 2022 Mar 10;65(5):3943-3961.

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

E-mail: tech@probechem.com