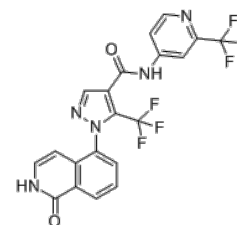


**Product Name** : Safimaltib  
**Cat. No.** : PC-73444  
**CAS No.** : 2230273-76-2  
**Molecular Formula** : C<sub>20</sub>H<sub>11</sub>F<sub>6</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 467.331  
**Target** : MALT1  
**Solubility** : 10 mM in DMSO



## Biological Activity

Safimaltib (JNJ-67856633) is a potent, selective, allosteric inhibitor of mucosa-associated lymphoid tissue lymphoma translocation protein 1 (MALT1) protease activity.

Safimaltib (JNJ-67856633) inhibits proliferation of activated B-cell diffuse large B-cell lymphoma (ABC-DLBCL) cell lines bearing CD79b or CARD11 mutations as well as models mimicking resistance to covalent BTK inhibitors.

JNJ-67856633 showed activity in organoid cultures derived from ABC-DLBCL patients.

JNJ-67856633 leads to potent in vivo pharmacodynamic shutdown in CD79b- as well as CARD11-mutant ABC-DLBCL models as measured by serum IL10 or uncleaved BCL10 levels in tumors.

JNJ-67856633 exhibits potent tumor growth inhibition in two human DLBCL xenograft models, OCI Ly3 and OCI Ly10.

## References

Ulrike Philippar, et al. Cancer Res (2020) 80 (16\_Supplement): 5690.

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

E-mail: tech@probechem.com