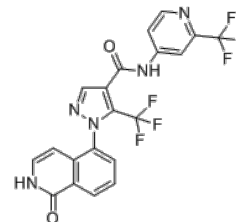


Product Name : Safimaltib
Cat. No. : PC-73444
CAS No. : 2230273-76-2
Molecular Formula : C₂₀H₁₁F₆N₅O₂
Molecular Weight : 467.331
Target : MALT1
Solubility : 10 mM in DMSO



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 Philipp, et al. **Cancer Res** (2020) 80 (16_Supplement): 5690.

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

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