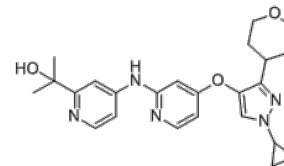


Product Name : LY 3200882
Cat. No. : PC-63129
CAS No. : 1898283-02-7
Molecular Formula : C₂₄H₂₉N₅O₃
Molecular Weight : 435.528
Target : TGF beta Receptor (TGFBR)
Solubility : 10 mM in DMSO



Biological Activity

LY 3200882 (LY3200882) is a novel potent, highly selective, ATP competitive TGF- β receptor type 1 (**TGF β RI, ALK5**) inhibitor.

LY 3200882 potently inhibits TGF β mediated SMAD phosphorylation in vitro in tumor and immune cells and in vivo in subcutaneous tumors.

LY 3200882 shows potent anti-tumor activity in the orthotopic 4T1-LP model of triple negative breast cancer and this activity correlated with enhanced tumor infiltrating lymphocytes in the tumor microenvironment.

References

Huaxing Pei, et al. Abstract 955: LY3200882, a novel, highly selective TGF β RI small molecule inhibitor. **AACR**. DOI: 10.1158/1538-7445.

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

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