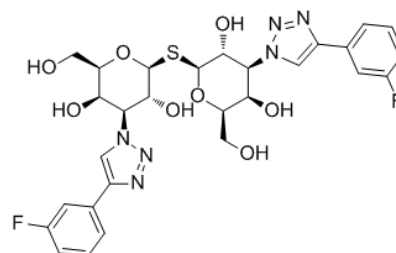


Product Name : TD-139
Cat. No. : PC-45754
CAS No. : 1450824-22-2
Molecular Formula : C₂₈H₃₀F₂N₆O₈S
Molecular Weight : 648.635
Target : Galectin
Solubility :



Biological Activity

TD-139 (GB0139, Olitigaltin) is a highly potent, selective inhibitor of **Galectin-3** (Gal-3) carbohydrate binding domain with K_i of 14 nM.

TD-139 (GB0139, Olitigaltin) reduces TGF-β1-induced β-catenin translocation to the nucleus, blocks β-catenin phosphorylation in vitro and in vivo.

TD-139 (GB0139, Olitigaltin) attenuates the late-stage progression of lung fibrosis in murine models.

TD-139 (GB0139, Olitigaltin) attenuates liver injury and milder infiltration of IFNγ- and IL-17- and -4-producing CD4(+) T cells, increases IL-10-producing CD4(+) T cells and F4/80(+) CD206(+) alternatively activated macrophages and prevents the apoptosis of liver-infiltrating MNCs in WT C57BL/6 mice.

References

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Volarevic V, et al. *Hepatology*. 2012 Jun;55(6):1954-64.

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

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