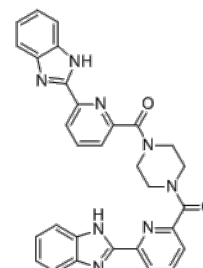


Product Name : Omilancor
Cat. No. : PC-72523
CAS No. : 1912399-75-7
Molecular Formula : C₃₀H₂₄N₈O₂
Molecular Weight : 528.576
Target : Other Targets
Solubility :



Biological Activity

Omilancor (BT-11) is a locally-acting, first-in-class, small molecule that selectively activates the Lanthionine Synthetase C-like 2 (**LANCL2**) pathway.

Through LANCL2 activation, Omilancor also modulates Treg stability and function through a two-layer mechanism: (1) regulation of FOXP3 activity through immunometabolic pathways, and (2) synergism with the IL-2/STAT5 signaling axis of Treg cells; omilancor regulates late-stage glycolysis and promotes oxidative metabolism in regulatory T cells (Treg).

Omilancor ameliorates disease severity, epidermal hyperplasia and acanthosis in an imiquimod-induced mouse model of psoriasis.

References

Adria Carbo, et al. *J Med Chem.* 2016 Nov 23;59(22):10113-10126.

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

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