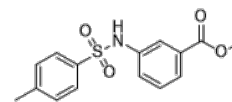


Product Name : beta-catenin inhibitor MSAB
Cat. No. : PC-23845
CAS No. : 173436-66-3
Molecular Formula : C₁₅H₁₅NO₄S
Molecular Weight : 305.35
Target : Beta-catenin
Solubility : 10 mM in DMSO



CAS: 173436-66-3

Biological Activity

MSAB is a selective, direct inhibitor of Wnt/ β -catenin signaling, binds to β -catenin promoting its degradation, and specifically downregulates Wnt/ β -catenin target genes.

MSAB inhibited proliferation of Wnt-dependent cancer cell lines, but had little effect on the viability of normal or immortalized breast epithelial cells.

MSAB inhibits β -catenin activity and induces proteasome-dependent degradation of β -catenin.

MSAB suppress the increase of active β -catenin levels in HEK293T cells induced by Wnt3a-CM treatment

MSAB inhibits tumor growth of Wnt-dependent cancer cells in mouse xenograft model.

References

Hwang SY, et, al. Cell Rep. 2016 Jun 28;16(1):28-36.

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

E-mail: tech@probechem.com