

BNC-101

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	BNC-101 is a humanized monoclonal antibody targeting Leucine-rich repeat-containing G-protein coupled receptor 5 (LGR5/GPR49). LGR5 is a key component of the Wnt signaling pathway and a critical marker of cancer stem cells (CSCs) in various malignancies, particularly colorectal and pancreatic cancers. BNC-101 binds specifically to the extracellular domain of LGR5 with high affinity, inhibiting the abnormal activation of the Wnt/beta-catenin signaling pathway by blocking the interaction between LGR5 and its ligands, R-spondins. This antibody is designed to reduce tumor tumorigenicity, recurrence, and metastatic potential by targeting and eliminating LGR5-positive cancer stem cells.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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