

WXM-1-170

Chemical Properties

CAS No. :

Formula: C₁₇H₁₃ClN₄O₃S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	WXM-1-170 (compound 10) is a derivative of Indisulam that inhibits the migration of gastric cancer cells. It attenuates the PI3K/AKT/GSK-3 β / β -catenin signaling pathway.
Targets(IC50)	PI3K
In vitro	WXM-1-170 inhibits AGS cell growth with an IC50 value of 24.75 μ M when used at concentrations ranging from 0.0001 to 100 μ M over 48 hours. Additionally, at a concentration of 10 μ M for 48 to 72 hours, it exhibits anti-migratory effects in both AGS and MGC803 cells. Furthermore, WXM-1-170 at 10 μ M for 48 hours upregulates E-cadherin expression and downregulates the expression of N-cadherin and vimentin in AGS and MGC803 cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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