

SR-3-65

Chemical Properties

CAS No. :

Formula: C₁₆H₉ClF₃N₃O₂S

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	SR-3-65 (compound 6) is an Indisulam derivative that inhibits the migration of gastric cancer cells by weakening the PI3K/AKT/GSK-3 β / β -catenin signaling pathway.
Targets(IC50)	PI3K
In vitro	SR-3-65 effectively inhibits the growth of AGS cells with an IC ₅₀ value of 24.75 μ M when administered at concentrations ranging from 0.0001-100 μ M over a 48-hour period. Additionally, SR-3-65 at 10 μ M demonstrates anti-migratory activity in AGS and MGC803 cells over 48-72 hours. Furthermore, in AGS and MGC803 cells treated with 10 μ M SR-3-65 for 48 hours, there is an upregulation of E-cadherin and a downregulation of N-cadherin and vimentin expression.

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