

SPP-037

Chemical Properties

CAS No. :

Formula: C₃₆H₅₀ClN₃O₉S

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	SPP-037 is an orally active selective inhibitor of ST6GAL1, with an IC ₅₀ of 3.59 μM. It exhibits anti-migration activity against MDA-MB-231 cells by inhibiting integrin α ₂ ,6-sialylation and the integrin-FAK-paxillin pathway. In MDA-MB-231 xenograft mouse models, SPP-037 demonstrates antitumor properties. This compound is applicable in breast cancer research.
Targets(IC ₅₀)	FAK,Endogenous Metabolite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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