

ST3 β -Gal α -2,3-Sialyltransferase 1

Chemical Properties

CAS No. :

Formula:

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	ST3 β -Gal α -2,3-Sialyltransferase 1 (ST3GAL1) is a sialyltransferase enzyme that, when overexpressed in ovarian cancer cell lines, enhances cell growth, migration, and invasion, while also increasing tumorigenicity and resistance to paclitaxel in vivo. ST3GAL1 catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates and is useful in studies of cancer progression and chemotherapy resistance.
Targets(IC50)	Endogenous Metabolite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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