

alpha-1,4-Galactosyltransferase (LgtC)

Chemical Properties

CAS No. : 52725-57-2

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	Alpha-1,4-Galactosyltransferase (LgtC) (A4GALT), a glycosphingolipid-specific glycosyltransferase, catalyzes the transfer of a galactose molecule to the alpha-1,4 position on lactosylceramide, resulting in the formation of globotriaosylceramide. This enzyme plays a crucial role in the synthesis of P1 blood group antigens [1] [2].
Targets(IC50)	Others,Transferase

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