

Maltodextrin (dextrose equivalent 5.0-8.0)

Chemical Properties

CAS No. :

Formula: (C₆H₁₀O₅)_n·xH₂O

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	Maltodextrin, with a dextrose equivalent (DE) of 5.0-8.0, can be utilized as an excipient in pharmaceuticals. Excipients, also known as auxiliary agents, are chemical substances employed in drug formulation to support the active ingredients. Typically, they are non-active components that enhance the stability, solubility, and manufacturability of the drug formulation. Additionally, excipients can impact the absorption, distribution, metabolism, and elimination (ADME) processes of combined medications. The DE value indicates the number of reducing-end aldehyde groups relative to pure glucose at the same concentration; hence, a higher DE signifies a higher rate of hydrolysis conversion and a lower average molecular weight.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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