



Product Information

SH reagent, Dextran-SH, MW 100 kDa, Purity $\geq 95\%$

Cat. No.: X25-02-ZQ027

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g; 25 g

Synonym: SH-dextran; Dextran-SH

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Featuring a high molecular weight (100 kDa) and purity $\geq 95\%$, this thiolated dextran is intended for research on forming stable hydrogels, nanoparticle surface modification, and advanced bioconjugation methods.
Molecular Weight	MW 100 kDa
Glycan Name	Dextran
Source	Chemical synthesis
Functional Group	SH
Form	Solid or powder
Purity	$\geq 95\%$
Solubility	Dextran-SH is soluble in a wide range of organic solvents, such as DCM, DMF, and DMSO, and shows excellent solubility in water.
Identity	Confirmed by NMR.
Stability	The product is stable for 1 year when stored at the recommended temperature in powder.
Quality Level	Research grade
Applications	High molecular weight thiolated dextran (100 kDa) enables research into modifying surfaces for enhanced lubrication studies or forming highly stable hydrogels suitable for long-term cell culture investigations.
Storage	Store at -20°C , protect from light.