

Product Information

NHS reagent, NHS-dextran, Purity $\geq 95\%$

Cat. No.: X25-02-ZQ063

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

Synonym: NHS-dextran; Dextran-NHS

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

Product Information

Description	This product is <i>N</i> -hydroxysuccinimide (NHS)-activated dextran with a purity of $\geq 95\%$, suitable for efficient conjugation to amine-containing molecules in research focused on drug delivery, surface modification, and biomaterials development.
Glycan Name	Dextran
Source	Chemical synthesis
Functional Group	NHS
Form	Solid or powder
Purity	$\geq 95\%$
Solubility	NHS-dextran 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	NHS-activated dextran is applied in bio-conjugation research for the covalent attachment of primary amine-containing molecules (peptides, proteins, tracers) to a biocompatible polysaccharide carrier for diagnostic assay development or fundamental cell labeling studies.
Storage	Store at -20°C , protect from light.