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Specification

Chemical name	Stachyose hydrate
CAS number	54261-98-2
Molecular formula	$C_{24}H_{42}O_{21} \times H_2O$
Molecular weight	666.58
Appearance	White solid
5 % solution in water	Clear, colorless
Purity by TLC	>99 %
¹H-NMR	Conform to structure
Water	3.4 %
Optical rotation	$\alpha = + 130^\circ$ (c=3.9 in water)