



SPECIFICATION

Octyl b-D-thioglucopyranoside

Product Code:	DO06354
Synonyms:	n-Octyl b-D-thioglucoside
CAS Number:	85618-21-9
Chemical Formula:	$C_{14}H_{28}O_5S$
Molecular Weight:	308.44

TECHNICAL SPECIFICATION

Appearance:	White powder
Purity (HPLC):	min 99%
Specific Optical Rotation [α] _D	-52.0 to -54.0° ²⁰ (c=1, methanol):
Melting Point:	125 - 131°C
Solubility (20% in water):	Clear colourless and free from particulate matter
Octanthiol (HPLC):	max 0.001%
Octyl-[α]-D-thioglucopyranoside (HPLC):	max 0.01%