



SPECIFICATION

4-Methylumbelliferyl 2-acetamido-2-deoxy-b-D-galactopyranoside

Product Code:	EM06390
Synonyms:	4-Methylumbelliferyl N-acetyl-b-D-galactosiminide
CAS Number:	36476-29-6
Chemical Formula:	$C_{18}H_{21}NO_8$
Molecular Weight:	379.36

TECHNICAL SPECIFICATION

Appearance:	White to off-white powder
Purity (HPLC):	min 98%
Specific optical rotation [α] _D	-48 to -44° ²⁰ (c=0.3, Pyridine):
Identity (IR):	Conforms to structure
Solubility (1% in warm methanol/water 1:1):	Practically clear, colourless solution
Free 4-Methylumbelliferone (HPLC):	max 50mg/kg
Water content (Karl Fischer):	max 3%