

PRODUCT SPECIFICATION



Cat. No. **B-7136**
Product **5-Bromo-4-chloro-3-indoxyl-beta-D-fucopyranoside**

X-beta-D-fucoside

X-beta-D-Fuc

CAS RN [17016-46-5] *M. F.* C₁₄H₁₅BrClNO₅
M. W. 392.64 g/mol

<i>Test</i>	<i>Specification</i>
Color	white to off-white
Form	powder
Color of Solution (1 % in methanol)	colorless
Turbidity (1 % in methanol)	max. 4.0 NTU
Water Content (K. Fischer)	max. 1.0 %
Specific Optical Rotation [alpha]_D (c = 1 in methanol, 20 °C)	-85.0 to -81.0
Purity (HPLC)	min. 99.0 area-%
TLC (30 mg/mL in methanol; chloroform/methanol/acetic acid 78:15:7; UV 254 nm, sulfuric acid)	corresponds to reference material
FT-IR Spectrum	corresponds to reference spectrum
Recommended Retest Period:	1800 days

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