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## **-CERTIFICATE OF ANALYSIS-**

Product: 3-(1,3-Dioxolan-2-yl)thiophene-2-sulphonyl chloride 97%

Code Number: OR9163

CAS Number: 103011-38-7

Formula: C7H7ClO4S2

Batch Number: AS434608

Appearance: DARK BROWN solid

Melting Point: 92.5 - 93.9 degrees C

Purity by GC: 97.7%

Identity: NMR Conforms to structure

Verified by: David Parton

Signed: --Digital document, no signature required--