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## **-CERTIFICATE OF ANALYSIS-**

Product: 1,1,1-Trifluoro-3-[4-(2-hydroxyethyl)piperazin-1-yl]propan-2-ol

Code Number: PC300871

CAS Number: 477847-03-3

Formula: C<sub>9</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

Batch Number: AS484368

Appearance: White to off white crystalline solid

Melting Point: 52.4 - 56.3 degrees C

Purity by GC: 98.2% by area

Identity: <sup>1</sup>H NMR conforms to structure

Verified by: David Parton

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