



## CERTIFICATE of ANALYSIS

**PRODUCT:** **Bt<sub>3</sub>Ins(1,4,5)P<sub>3</sub>/AM,**  
2,3,6-Tri-*O*-Butyryl-*myo*-Inositol-1,4,5-  
Trisphosphate-Hexakis(acetoxymethyl) Ester  
C<sub>36</sub>H<sub>57</sub>O<sub>30</sub>P<sub>3</sub>, M.W. 1062.74

**PRODUCT NUMBER:** I-1224

**LOT NUMBER:** A10016

**APPEARANCE:** Clear syrup

**SOLUBILITY:** Soluble in Toluene and DMSO

**PURITY:** ≥ 98%

**IDENTITY DETERMINED BY:** <sup>1</sup>H-NMR, 200 MHz, (D<sub>8</sub>-Toluene) Confirms  
<sup>31</sup>P-NMR, 200 MHz, (D<sub>8</sub>-Toluene; <sup>1</sup>H-decoupled) Confirms

**LC-MS:** Confirms

**DESCRIPTION:** Membrane-permeant *myo*-Inositol-1,4,5-Trisphosphate derivative.

**STORAGE & HANDLING:** Keep cool and dry at -20°C. **PROTECT FROM LIGHT and MOISTURE!**  
CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT