



## CERTIFICATE OF ANALYSIS

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| PRODUCT:             | <b>1,2-Di-<i>O</i>-butyryl-D-<i>myo</i>-inositol<br/>3,4,5,6-tetrakisphosphate<br/>octakis(propionoxymethyl)ester</b><br>[Bt <sub>2</sub> Ins(3,4,5,6)P <sub>4</sub> /PM],<br>C <sub>46</sub> H <sub>76</sub> O <sub>36</sub> P <sub>4</sub> , M.W. 1329.0, CAS# [15163-36-7]   |
| PRODUCT NUMBER:      | I-1202  |
| LOT NUMBER:          | B1016   |
| APPEARANCE:          | Clear syrup   |
| SOLUBILITY:          | Soluble in toluol or DMSO   |
| PURITY (HPLC):       | ≥ 98%   |
| IDENTITY:            | Identity determined by <sup>1</sup> H-NMR, <sup>31</sup> P-NMR and MS.  |
| PRODUCT DESCRIPTION: | Cell permeable derivative of D- <i>myo</i> -Inositol 3,4,5,6-tetrakisphosphate . octasodium salt.<br><br><b>Includes 1 vial of 10% Pluronic® (F127) solution in DMSO.</b><br><br><b>Recommendations on application (Cuvette Expiriments).</b><br>-Prepare a 100mM stock solution by adding 20μl of DMSO to 1μmol of inositol product.<br>-In a fresh vial, mix 1μl of the stock solution and 2μl of Pluronic® as supplied.<br>-Add 500μl of your cell suspension and mix carefully. |

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-Add this mixture to the remaining cell suspension (~500 $\mu$ l) and mix carefully.

***NOTE:*** Cell suspension should not contain more than 1% DMSO.

**STORAGE & HANDLING:** DO NOT FREEZE MIXTURES OF PLURONIC®, DMSO AND INOSITOLPHOSPHATES!

Store at -20°C. PROTECT FROM 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

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