



PRODUCT DATA SHEET

PRODUCT: Research Tool

CATALOG NUMBER: RT 01002 - CLTH

QUANTITY & CONCENTRATION: Soluble in DMSO (20 μ l; 10 mM). MW = 462

APPEARANCE: light yellow liquid

SHIPPED IN: Suspended in DMSO, \leq -20°C

BACKGROUND/DESCRIPTION:

RT 01002 – CLTH is molecule that binds kinase domain of EGFR and shows fluorescence.

Importantly:

Maximum Excitation: 365 nm

Maximum Emission: 490-520 nm

Despite the fluorescent staining, due to its affinity towards specific receptors, prolong incubation of cells with added RT 01001 – CLTH may lead to their apoptosis. Treatment of cells with $>10\mu$ M of RT 01002 – CLTH in serum depleted media is not recommended, however cells kept in media with serum are resistant to negative effect of RT 01001 – CLTH for concentrations above $>10\mu$ M.

QUALITY CONTROL: The purity was determined by HPLC analysis. Purity: $>98\%$.

UNPACKING & STORAGE INSTRUCTIONS:

1. Check the container for leakage or breakage.
2. Store at or below -20°C. Repeated freeze/thaw cycles are not recommended.

Note: Please, keep in dark, light may hinder research tool activity.

SAFETY PRECAUTION:

Celther Polska Ltd. highly recommends using protective gloves and clothing. It is also important to avoid breathing vapor, avoid skin contact or swallowing.

WASTE DISPOSAL:

Chemical wastes should always be returned to special company responsible for utilizing such



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type of waste.

CELther POLSKA SP. Z O.O. WARRANTY

The viability of Celther Polska products is warranted for 30 days from the date of shipment and is valid only if the product is stored according to the information included in this product information sheet. Since this product is under development – we cannot guarantee same functionality in all experimental conditions.

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CONTACT INFORMATION

All information relating this product is available via email: orders@celther.com

Suggested price 500 Euro

Lodz, Poland, December 2018.