Certificate of Analysis

MitoTracker Orange CMTMRos

Cat. No.: HY-D1696

CAS No.: 199116-50-2

Batch No.: 326776

Chemical Name: Xanthylium, 9-[4-(chloromethyl)phenyl]-3,6-bis(dimethylamino)-, chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{24}Cl_2N_2O$

Molecular Weight: 427.37

Storage: 4°C, sealed storage, away from moisture and light

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Brown to black (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 92.08%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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