## **Certificate of Analysis**

## **ZY-1**

Cat. No.: HY-D1877 Batch No.: 290723

**Chemical Name:** (E)-4-(4-(4-(Carboxymethyl)piperazin-1-yl)styryl)-1-ethylpyridin-1-ium 2,2,2-trifluoroacetate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{23}H_{26}F_3N_3O_4$ 

465.47 Molecular Weight:

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

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

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Yellow to orange (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 98.91%

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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