## **Certificate of Analysis**

## Dansyl-L-leucine

Cat. No.: HY-122811
CAS No.: 1100-22-7
Batch No.: 266625

Chemical Name: L-Leucine, N-[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{24}N_2O_4S$ Molecular Weight: 364.46

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to brown (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.54%

**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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