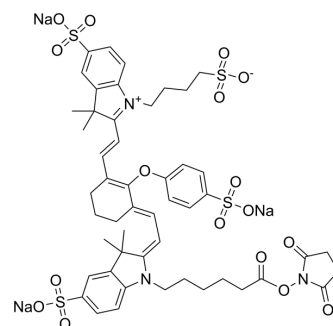


800CW NHS ester

| | |
|---------------------------|---|
| Cat. No.: | HY-D1872 |
| CAS No.: | 956579-01-4 |
| Molecular Formula: | C ₅₀ H ₅₄ N ₃ Na ₃ O ₁₇ S ₄ |
| Molecular Weight: | 1166.2 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|---|
| Description | 800CW NHS ester is a near infrared probe that can be used for labeling lysine residues ($\lambda_{\max}=776$ nm) ^{[1][2]} . |
|--------------------|---|

REFERENCES

[1]. Kovar J, et al. Near infrared probes for biochemical, cellular, and whole animal analysis of disease processes. Reporters, Markers, Dyes, Nanoparticles, and Molecular Probes for Biomedical Applications. SPIE, 2009, 7190: 71-78.

[2]. Reeßing F, et al. A Facile and Reproducible Synthesis of Near-Infrared Fluorescent Conjugates with Small Targeting Molecules for Microbial Infection Imaging. ACS Omega. 2020 Aug 26;5(35):22071-22080.

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

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