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Certificate of Analysis

N-Ethylmaleimide-d₅

 Cat. No.:
 HY-D0843S

 CAS No.:
 360768-37-2

 Batch No.:
 404637

Chemical Name: 1H-Pyrrole-2,5-dione, 1-(ethyl-d5)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_2D_5NO_2$ Molecular Weight: 130.16

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} D & D & O \\ D & D & O \\ \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.49%
Isotopic Enrichment: 100.0%

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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