Certificate of Analysis

tert-Butyl 3,5-dinitrobenzoate

Cat. No.: HY-W325356 CAS No.: 5342-97-2 Batch No.: 305825

Chemical Name: Benzoic acid, 3,5-dinitro-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{12}N_2O_6$ 268.22 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.71%

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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