Certificate of Analysis

DOTA-tri(t-butyl ester)

Cat. No.: HY-W034551
CAS No.: 137076-54-1
Batch No.: 219344

Chemical Name: 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetic acid, 1,4,7-tris(1,1-dimethylethyl) este

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{52}N_4O_8$ Molecular Weight: 572.73

Storage: 4°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.46%

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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