Certificate of Analysis

$(\alpha R)-\alpha-[[(1,1-Dimethylethoxy)carbonyl]amino]benzeneacetic acid$

Cat. No.: HY-34663 CAS No.: 33125-05-2 Batch No.: 270115

Chemical Name: Benzeneacetic acid, α -[[(1,1-dimethylethoxy)carbonyl]amino]-, (α R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{17}NO_{4}$ Molecular Weight: 251.28

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

Purity (HPLC): 99.30% Water(KF): 0.32% 0.09% Residue on Ignition: $OR[\alpha](C=1.0g/100ml\ ETOH)$: -142.7°

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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