Certificate of Analysis

5-Phenylvaleric acid

 Cat. No.:
 HY-W032915

 CAS No.:
 2270-20-4

 Batch No.:
 308320

Chemical Name: Benzenepentanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{14}O_2$ Molecular Weight: 178.23

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: Off-white to light brown (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%
Water(KF): 0.21%

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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