Certificate of Analysis

Proparacaine (Hydrochloride)

 Cat. No.:
 HY-66012

 CAS No.:
 5875-06-9

 Batch No.:
 15626

Chemical Name: Benzoic acid, 3-amino-4-propoxy-, 2-(diethylamino)ethyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{27}ClN_2O_3$

Molecular Weight: 330.85

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

$$H_2N$$
 O N

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.76%

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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