Inhibitors

Certificate of Analysis

Boc-Dap-NE

Cat. No.: HY-78931 CAS No.: 160800-65-7 Batch No.: 250480

Chemical Name: 1-Pyrrolidinecarboxylic acid, 2-[(1R,2R)-3-[[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]amino]-1-

methoxy-2-methyl-3-oxopropyl]-, 1,1-dimethylethyl ester, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{23}H_{36}N_2O_5$ **Molecular Weight:** 420.54

4°C, stored under nitrogen Storage:

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

Chemical Structure:

ANALYTICAL DATA	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
LCMS:	Consistent with structure	Consistent with structure
Water(KF):	< 2.0%	0.03%
Optical Rotation:		12.8°(C=0.4386g/100ml CHCL3)
Methyl Alcohol:	≤3000 ppm	N.D
Isopropanol:	≤5000 ppm	N.D
Acetonitrile:	≤410 ppm	N.D
Dichloromethane:	≤600 ppm	N.D
MTBE:	≤5000 ppm	216 ppm
Hexane:	≤290 ppm	N.D
Ethyl Acetate:	≤5000 ppm	33.2 ppm
Tetrahydrofuran:	≤720 ppm	N.D
N,N-diisopropylethylamine:	≤1000 ppm	167 ppm
N,N-dimethylformamide:	≤ 880 ppm	N.D

The product has been tested and complies with the given specifications.

Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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