

Analytical Data Sheet

Lot number **1000036534**
not for drug use

Product H-Dab-OH hydrochloride salt

Product number **4010479.0005**

Molecular formula $C_4H_{10}N_2O_2$

Relative molecular mass 118.14

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Melting point	196 ° C
Specific optical rotation	$[\alpha]_D^{24} = +12.7^\circ$ (3.7% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/ H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/ H ₂ O 60/60/12/36 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	53.4% (Nth 23.71%, Nfd 12.65%)
Water content (KF volumetric)	0.3%
Chloride content (titration)	40.0%

Latest update: August 07, 2020

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