

Analytical Data Sheet

Lot number

1049554

not for drug use

Catalog Number	F-3050.0001
Product number	4010479.0001
Product	H- Dab- OH hydrochloride salt
Molecular formula	C ₄ H ₁₀ N ₂ O 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 14, 2013	