

## Analytical Data Sheet

Lot number **1072816**  
not for drug use

Catalog number **E-1670.0001**  
Product number **4002448.0001**  
Product **H- Thr(tBu) - OH**  
Molecular formula **C<sub>8</sub>H<sub>17</sub>NO<sub>3</sub>**  
Relative molecular mass **175.23**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (elemental analysis)	Theory Found C = 54.84 % C = 54.90 % H = 9.78 % H = 8.85 % N = 7.99 % N = 8.05 %
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -44.4^\circ$ (1 % in methanol)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32 % 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine

Latest update: August 02, 2017

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