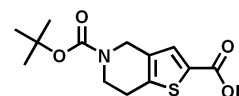


Certificate of Analysis

Date of Manufacture: 2011-04-29
Batch No: A20110429

Date of Analysis: 2010-04-29

Catalog No.: HP12104
Product Name: 5-Boc-4,5,6,7-tetrahydrothieno[3,2-c]pyridine-2-carboxylic acid
Formula: $C_{13}H_{17}NO_4S$
Molecular Weight: 283.34
CAS Number: 165947-48-8



Items	Specifications	Results of Analysis
Appearance:	Yellow solid	Yellow solid
¹ H-NMR:	Consistent with structure	Consistent with structure
Assay (HPLC):	97.0%min	97.3%
Loss on Drying:	≤0.5%	0.26%

Storage: Room Temperature, Dry
Origin of Country: P. R. China