

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: (S)-(+)-NBD-Py-NCS [= (S)-(+)-4-(3-Isothiocyanatopyrrolidin-1-yl)-7-nitro-2,1,3-benzoxadiazole] [HPLC Labeling Reagent for e.e. Determination]

Specifications & Purity: >98.0%(HPLC)

SKU # S160991

Parameter	Limit Values
Appearance(S160991)	Light yellow to Brown powder to crystal
Purity(HPLC)	98-100 (%)
Specific rotation $[\alpha]_{20/D}(C=0.2, CH_3CN)$	530-600 (°)
Effect test of HPLC derivatization	Effective as labeling agent for DL-Valine, DL-Phenylalanine
Proton NMR spectrum	Conforms to structure