

Certificate of Analysis

Date of Testing: 2022-07-25 09:53:40

Date of Next Testing: 2026-07-24 09:53:40

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

CAS Number: 163927-29-5

Specifications & Purity: >98.0%(HPLC)

Lot #: G2221255

SKU #: R160964

Analysis: 106688

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Specific rotation $[\alpha]_{20/D}(C=0.2, CH_3CN)$	-550- -520 (°)	-534.80000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(R160964)	Orange to Brown powder to crystal	Orange to Brown powder to crystal



John Su
QA & QC Manager