

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: (S)-(+)-DBD-APy [(S)-(+)-4-(N,N-Dimethylaminosulfonyl)-7-(3-aminopyrrolidin-1-yl)-2,1,3-benzoxadiazole] [HPLC Labeling Reagent for e.e. Determination]

Specifications & Purity: >98.0%(HPLC)

SKU # S161067

Parameter	Limit Values
Appearance(S161067)	Light yellow to Yellow to Orange powder to crystal
Purity(HPLC area)	98-100 (%)
Melting point	127-134 (°C)
NMR Spectrum 1H	Conforms to Structure
Specific Rotation [α] ₂₀ /D(c=1 in CH ₃ CN)	3.0-7.0 (°)
Effect test of HPLC derivatization	Effective as labeling agent fo Ibuprofen
Optical purity(HPLC)(ee)	99-100 (%)