Specification

10/10/2024(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
T-PLUS Nihonbashi-Kodemmacho
16-12 Nihonbashi-kodemmacho, Chuo-ku, Tokyo 103-0001, Japan

Chemical 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]	
Product Number: A5560	CAS RN: 143112-50-9

Tests	Specifications
Appearance	Light yellow to Yellow to Orange powder to crystal
Purity(HPLC)	min. 98.0 area%
Optical purity(LC)	min. 99.0 ee%
Melting point	128.0 to 132.0 °C
Specific rotation [a]20/D	+3.0 to +7.0 deg(C=1, CH3CN)
Effect test of HPLC derivatization	Effective as labeling agent fo Ibuprofen
NMR	confirm to structure

The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

Customer Service

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