

Apollo Scientific Ltd
Whitefield Road, Bredbury,
Stockport, SK6 2QR, UK.
Tel:44(0)161 406 0505 Fax:44(0)161 406 0506
e-mail: QCDept@apolloscientific.co.uk



-CERTIFICATE OF ANALYSIS-

Product: (R)-3,3'-Bis(3,5-difluorophenyl)-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate

Code Number: PC440006

CAS Number: 1191451-23-6

Formula: C32 H17 F4 O4 P

Batch Number: AS462428

Appearance: Off-White solid

Purity by HPLC: 98.0%

Purity: 98.9% by chiral HPLC

Identity: ¹H and ¹³C NMR conform to structure

Verified by: David Parton

Signed: --Digital document, no signature required--