Active Biochemicals Co., Limited

(www.activebiochem.com)

Certificate of Analysis

ABT-263

Product: 4-[4-[[2-(4-Chlorophenyl)-5,5-dimethylcyclohexen-1-

yl]methyl]piperazin-1-yl]-N-[4-[[(1R)-3-morpholino-1-

(phenylsulfanylmethyl)propyl]amino]-3-

(trifluoromethylsulfonyl)phenyl]sulfonylbenzamide

CAT#: A-1001

Chemical Structure:

Molecular Formula: $C_{47}H_{55}ClF_3N_5O_6S_3$

Molecular Weight: 974.61

CAS #: 923564-51-6 **Chemical Purity:** 929% by HPLC

Optical Purity: 100% by chiral HPLC

Mass: $975 (MH^{+})$

¹H- and ¹³C-NMR: consistent with assigned structure

Soluble in DMSO

Storage: Room Temperature, or -20°C for 2 years

Note: The material is for research purposes only, not for human use.