

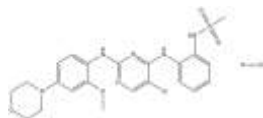
PRODUCT: CZC-54252 hydrochloride

ALTERNATE NAME: N-[[[5-Chloro-2-[[2-methoxy-4-(4-morpholinyl)phenyl]amino]-4-pyrimidinyl]amino]phenyl]methanesulfonamide hydrochloride

CATALOG #: 9567-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₅ClN₆O₄S.HCl

MOLECULAR WEIGHT: 541.45

CAS NUMBER: 1191911-27-9

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>40 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: CZC-54252 is a potent inhibitor of leucine-rich repeat kinase 2 (LRRK2) (IC₅₀ values are 1.28 nM and 1.85 nM for wild-type and G2019S mutant forms of LRRK2 respectively). CZC-54252 attenuates neuronal injury induced by LRRK2-G2019S mutant activity in primary human neurons (EC₅₀ = 1 nM).

REFERENCES: Kramer, T., *et al.* (2012). *ACS Chem. Neurosci.* **3**, 151-160.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

GSK2578215A (Cat. No. 2845-5,25)

HG-10-012-01 (Cat. No. 2604-5,25)

PF-06447475 (Cat. No. 9447-5,25)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**