

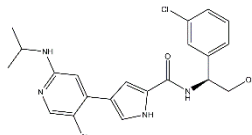
PRODUCT: VRT752271

ALTERNATE NAMES: Ulixertinib; VRT752271; VRT-752271; BVD-523; BVD523; BV D 523; N-[(1S)-1-(3-chlorophenyl)-2-hydroxyethyl]-4-[5-chloro-2-(propan-2-ylamino)pyridin-4-yl]-1H-pyrrole-2-carboxamide

CATALOG#: B1679-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₂Cl₂N₄O₂

MOLECULAR WEIGHT: 433.33

CAS NUMBER: 869886-67-9

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: VRT752271 is a reversible, ATP-competitive inhibitor of ERK1 and ERK2 kinases, with IC₅₀ of <0.3 nM against ERK2.

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

REFERENCES:

1. Kumar R, et al. Determination of ulixertinib in mice plasma by LC-MS/MS and its application to a pharmacokinetic study in mice. J Pharm Biomed Anal. 2016 Jun 5;125:140-4.
2. Ward RA, et al. Structure-Guided Design of Highly Selective and Potent Covalent Inhibitors of ERK1/2. J Med Chem. 2015 Jun 11;58(11):4790-801.

RELATED PRODUCTS:

- PD184352 (Cat. No. 1585-1, 5, 25)
- EZSolution™ PD184352 (Cat. No. 1871-1)
- PD 98059 (Cat. No. 1666-5)
- EZSolution™ PD 98059 (Cat. No. 1783-5)
- SB 203580 (Cat. No. 1712-1, 5)
- EZSolution™ SB-203580 (Cat. No. 1786-1)
- U0126 (Cat. No. 1668-5)
- Sorafenib (Cat. No. 1594-25, 100)
- VX-702 (Cat. No. 1598-1, 5)

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