

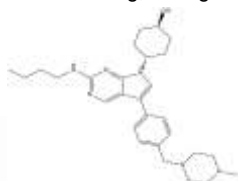
PRODUCT: UNC-2025

ALTERNATE NAME: (1R,4R)-4-(2-(butylamino)-5-(4-((4-methylpiperazin-1-yl)methyl)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)cyclohexanol; MRX-6313

CATALOG #: B1262-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₄₀N₆O

MOLECULAR WEIGHT: 476.66

CAS NUMBER: 1429881-91-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: UNC-2025 is a potent inhibitor of the tyrosine kinases Mer and Flt3 (IC₅₀s = 0.74 and 0.80 nM, respectively). It less potently inhibits Axl and Tyro3 (IC₅₀s = 14 and 17 nM, respectively) and a panel of related kinases. UNC2025 blocks colony formation of Mer- and Flt3-dependent tumor cell lines and inhibits Mer phosphorylation in bone marrow leukemia cells *in vivo*.

REFERENCES: Zhang, W., *et al.* (2014). *J. Med. Chem.* **57**, 7031-7041.

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

RELATED PRODUCTS:

BMS-77067 (Cat. No. 2455-5, 25)

Carbozantinib (Cat. No. 1935-5, 25)

Crizotinib (Cat. No. 1934-5, 25)

Golvatinib (Cat. No. 2655-5,25)

SU-11274 (Cat. No. 1938-5, 25)

UNC2025 (Cat. No. B1262-5,25)

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