

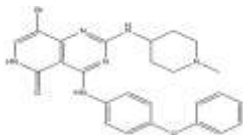
PRODUCT: G-749

ALTERNATE NAME: 8-bromo-2-((1-methylpiperidin-4-yl)amino)-4-((4-phenoxyphenyl)amino)pyrido[4,3-d]pyrimidin-5(6H)-one

CATALOG #: B2213-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₅BrN₆O₂

MOLECULAR WEIGHT: 521.41

CAS NUMBER: 1457983-28-6

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: G-749 is a potent FLT3 kinase inhibitor that displays potent and sustained inhibition of the FLT3 wild type and mutants including FLT3-ITD, FLT3-D835Y, FLT3-ITD/N676D, and FLT3-ITD/F691L in cellular assays. G-749 retains its inhibitory potency in various drug-resistance milieus such as patient plasma, FLT3 ligand surge, and stromal protection.

REFERENCES: Lee, H.K., *et al.* (2014). *Blood* **123**, 2209-2219.

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

RELATED PRODUCTS:

AMG-925 (**B1959**)

Crenolanib (**9679**)

Gilteritinib (**B1294**)

G-749 (**B2213**)

KW-2449 hydrochloride (**B1208**)

Quizartinib (**2008**)

Tandutinib (**2024**)

TCS-359 (**B2212**)

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