

PRODUCT: RAF265

ALTERNATE NAME: 1-Methyl-5-[2-[5-(trifluoromethyl)-1H-imidazol-2-yl]pyridin-4-yl]oxy-N-[4-(trifluoromethyl)phenyl]benzimidazol-2-amine; CHIR265

CATALOG #: 2856-5, 25

AMOUNT: 5 mg, 25 mg



MOLECULAR FORMULA: C₂₄H₁₆F₆N₆O

MOLECULAR WEIGHT: 518.41

CAS NUMBER: 927880-90-8

APPEARANCE: Light yellow to yellow solid

SOLUBILITY: DMSO (>100 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: RAF265 (CHIR-265) is a potent and selective inhibitor of C-Raf/B-Raf/B-Raf V600E (IC₅₀ of 3-60 nM); displays potent inhibition on VEGFR2 phosphorylation with EC₅₀ of 30 nM. RAF265 inhibits the growth of advanced human melanoma tumors.

REFERENCES: Su, Y., *et al.* (2012). *Clin. Cancer Res.* **18**, 2184-2198.

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

RELATED PRODUCTS:

Gossypin (**Cat. No. 2374-50, 250**)

GSK-2118436 mesylate (**Cat. No. 2800-5, 25**)

GW-5074 (**Cat. No. 2412-5, 25**)

PLX-4032 (**Cat. No. 2235-5, 25**)

PLX-4720 (**Cat. No. 2813-5, 25**)

B-Raf Inhibitor I (**Cat. No. 2599-5, 25**)

TAK-632 (**Cat. No. 2473-5, 25**)

ZM 336372 (**Cat. No. 1789-1, 5**)

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