

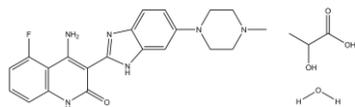
PRODUCT: Dovitinib Lactate

ALTERNATE NAMES: Dovitinib lactate; TKI258; CHIR258; Dovitinib; TKI 258; CHIR 258; TKI-258; CHIR-258; 4-amino-5-fluoro-3-(6-(4-methylpiperazin-1-yl)-1H-benzo[d]imidazol-2-yl)quinolin-2(1H)-one 2-hydroxypropanoate hydrate; multitargeted receptor tyrosine kinase inhibitor

CATALOG #: B1615-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₉FN₆O₅

MOLECULAR WEIGHT: 500.53

CAS NUMBER: 915769-50-5

APPEARANCE: Solid

SOLUBILITY: DMSO

PURITY: 99%

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

DESCRIPTION: Dovitinib (TKI258, CHIR258) is a multitargeted RTK inhibitor, mostly for class III (FLT3/c-Kit) with IC₅₀ of 1 nM/2 nM, also potent to class IV (FGFR1/3) and class V (VEGFR1-4) RTKs with IC₅₀ of 8-13 nM, less potent to InsR, EGFR, c-Met, EphA2, Tie2, IGF-1R and HER2 in cell-free assays.

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

RELATED PRODUCTS:

- ABT-869 (# 1615)
- Crizotinib (# 1934)
- R428 (# 9591)
- SU 6668 (# 1931)

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