

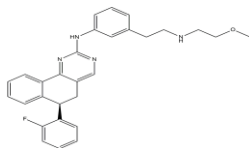
PRODUCT: Derazantinib

ALTERNATE NAME: (6R)-6-(2-fluorophenyl)-N-(3-{2-[(2-methoxyethyl)amino]ethyl}phenyl)-5,6-dihydrobenzo[h]quinazolin-2-amine; ARQ-087

CATALOG #: B2222-1, -5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₂₉FN₄O

MOLECULAR WEIGHT: 468.58

CAS NUMBER: 1234356-69-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: Derazantinib is an orally bioavailable inhibitor of the fibroblast growth factor receptor (FGFR) with potential antineoplastic activity. It binds to and potently inhibits the activity of FGFR subtypes 1, 2 and 3. This may result in the inhibition of FGFR-mediated signal transduction pathways, tumor cell proliferation, tumor angiogenesis and tumor cell death in FGFR-overexpressing tumor cells.

REFERENCES: Balek, L., *et al.* (2017). *Bone* **105**, 57-66.

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

RELATED PRODUCTS:

AZD-4537 (**9403**)
BIBF1120 (**2167**)
Derazantinib (**B2222**)
FIIN-2 (**9577**)
NVP-BGJ398 (**2855**)
PD173074 (**1675**)
Picropodophyllotoxin (**2765**)
Ponatinib (**2712**)
SSR128129E (**B1165**)
SU-5402 (**1645**)
EZSolution™ SU-5402 (**2017**)
SU6668 (**1931**)

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