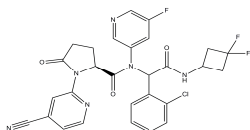


PRODUCT: AG-120 (Ivosidenib)**RELATED PRODUCTS:**AG-120 (**B1163**)AG-221 (**B1070**)AGI-5198 (**2369**)AGI-6780 (**9624**)

ALTERNATE NAME: (2S)-N-(1-(2-chlorophenyl)-2-((3,3-difluorocyclobutyl)amino)-2-oxoethyl)-1-(4-cyanopyridin-2-yl)-N-(5-fluoropyridin-3-yl)-5-oxopyrrolidine-2-carboxamide

CATALOG #: B1163-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₈H₂₂ClF₃N₆O₆

MOLECULAR WEIGHT: 582.97

CAS NUMBER: 1448347-49-6

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: AG-120 is a potent isocitrate dehydrogenase type 1 (IDH1) inhibitor, with potential antineoplastic activity. Upon oral administration it specifically inhibits a mutated form of IDH1 in the cytoplasm inhibiting the formation of oncometabolite, 2-hydroxyglutarate (2HG). This leads to induction of cellular differentiation and an inhibition of cellular proliferation

REFERENCES: Cuyàs, E. *et al.* (2015), *Oncotarget* **6**, 12279-96

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

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