PRODUCT: AG-221 (Enasidenib)

ALTERNATE NAME: 2-methyl-1-(-(4-(6-(trifluoromethyl)pyridin-2-yl)-6-((2-(trifluoromethyl)pyridin-4-yl)amino)-1,3,5-triazin-2-yl)amino)propan-2-ol

CATALOG #: B1070-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{19}H_{17}F_{6}N_{7}O

MOLECULAR WEIGHT: 473.38

CAS NUMBER: 1446502-11-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: AG-221 (Enasidenib) is a potent, selective, and reversible inhibitor of mutant IDH2 (isocitrate dehydrogenase type 2). It specifically inhibits IDH2 in the mitochondria, blocking the formation of oncometabolite 2-hydroxyglutarate (2HG). In in vitro studies, AG-221 reduces 2-HG levels by >90%, reverses histone and DNA hypermethylation, and induces cellular differentiation in leukemia cell models.


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

RELATED PRODUCTS:
AGI-5198 (2369)
AGI-6780 (9624)