PRODUCT: AGI-6780

ALTERNATE NAME: N-cyclopropyl-4-(thiophen-3-yl)-3-(3-(3-(trifluoromethyl)phenyl)ureido)benzenesulfonamide

CATALOG #: 9624-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{21}H_{18}F_{3}N_{3}O_{3}S_{2}

MOLECULAR WEIGHT: 481.51

CAS NUMBER: 1432660-47-3

APPEARANCE: White solid

SOLUBILITY: DMSO (~30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: AGI-6780 is a potent, selective inhibitor of mutant Isocitrate dehydrogenase 2 (IDH2) (IC_{50} = 23 nM). It binds allosterically at the dimer interface of mutant IDH2-R140Q, inhibiting 2-hydroxyglutarate (2-HG) formation in human glioblastoma U87 and TF-1 cells expressing IDH2-R140Q with IC_{50} values of 11 and 18 nM, respectively.


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

RELATED PRODUCTS:
AGI-5198 (Cat. No. 2369-1,5)
IDH1, human recombinant (Cat. No. 6379-100)

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