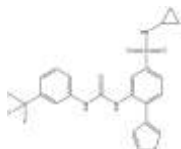


PRODUCT: AGI-6780**ALTERNATE NAME:** N-cyclopropyl-4-(thiophen-3-yl)-3-(3-(3-(trifluoromethyl)phenyl)ureido)benzenesulfonamide**CATALOG #:** 9624-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₁₈F₃N₃O₃S₂**MOLECULAR WEIGHT:** 481.51**CAS NUMBER:** 1432660-47-3**APPEARANCE:** White 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) (IC₅₀ = 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 IC₅₀ values of 11 and 18 nM, respectively.**REFERENCE:** Wang, F., *et al.* (2013). *Science* **340**, 622-626.**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*