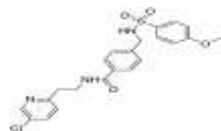


**PRODUCT: YU238259****ALTERNATE NAME:** N-(2-(5-chloropyridin-2-yl)ethyl)-4-(((4-methoxyphenyl)sulfonamido)methyl)benzamide**CATALOG #:** B2155-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>22</sub>H<sub>22</sub>ClN<sub>3</sub>O<sub>4</sub>S**MOLECULAR WEIGHT:** 459.94**CAS NUMBER:** 1943733-16-1**APPEARANCE:** White solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from light and light**DESCRIPTION:** YU238259 is a potent inhibitor of Homology-Dependent DNA Repair (HDR). YU238259 displays potent synthetic lethality in the setting of DNA damage response and DNA repair defects. YU238259 specifically inhibits homology-dependent DNA repair, but not non-homologous end-joining, in cell-based GFP reporter assays.**REFERENCES:** Stachelek G.C., *et al.* (2015). *Mol. Cancer Res.* 13, 1389-97**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Azidothymidine (**B1113**)  
Brefeldin A (**1560**)  
EZSolution™ Brefeldin A (**B1872**)  
Compound 401 (**1657**)  
(Z)-4-Hydroxytamoxifen (**B1114**)  
KU-0060648 (**B1115**)  
L-755,507 (**B1116**)  
EZSolution™ L-755,507 (**B1873**)  
Nocodazole (**2185**)  
EZSolution™ Nocodazole (**B1874**)  
NU-7441 (**B1117**)  
EZSolution™ NU-7441 (**B1875**)  
RS-1 (**B1118**)  
EZSolution™ RS-1 (**B1876**)  
SCR7 pyrazine (**B1119**)  
EZSolution™ SCR7 pyrazine (**B1877**)  
YU238259 (**B2155**)

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