

**Product Name** : AZD2461

**Synonyms** : AZD2461; AZD-2461; AZD 2461

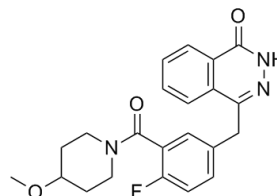
**Cat No.** : M17167

**CAS Number** : 1174043-16-3

**Molecular Formula** : C<sub>22</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>3</sub>

**Formula Weight** : 395.43

**Chemical Name** : 4-(4-fluoro-3-(4-methoxypiperidine-1-carbonyl)benzyl)phthalazin-1(2H)-one



**Description** : AZD2461 is a novel and potent PARP inhibitor with lower affinity to P-glycoprotein. AZD2461 is currently in Phase I clinical study. The study is being conducted to see how it may work to treat solid tumors. The main purpose is to establish a safe dosage of the drug and provide additional information on any potential side effects this drug may cause. The study will also assess the blood levels and action of AZD2461 in the body over a period of time and will indicate whether the drug has a therapeutic effect on solid tumors.

**Pathway** : Metabolic Enzyme/Protease

**Target** : PPAR

**Receptor** : PARP

**Solubility** : DMSO : ≥ 100 mg/mL. 252.89 mM

**SMILES** : COC1CCN(CC1)C(=O)c1cc(ccc1F)Cc1c2ccccc2c(=O)[nH]n1

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Jaspers JE, et al. Y Discov, 2013, 3(1), 68-81.