

Product Name	: BYK204165
Synonyms	: RT-017290
Cat No.	: M21123
CAS Number	: 1104546-89-5
Molecular Formula	: C ₁₅ H ₁₂ N ₂ O ₂
Formula Weight	: 252
Chemical Name	: (4Z)-4-[(1-methylpyrrol-2-yl)methylidene]isoquinoline-13-dione
Description	: BYK204165 is a potent PARP inhibitor?(PARP1; IC ₅₀ = 44.67 nM for human recombinant PARP1 in an enzyme assay).
Pathway	: Cell Cycle/DNA Damage
Target	: PARP
Receptor	: PARP
Solubility	: DMSO:125 mg/mL (495.50 mM; Need ultrasonic)
SMILES	: <chem>Cn1cccc1C=C1C(=O)NC(=O)c2cccc21</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Eltze T Boer R Wagner T et al. Imidazoquinolinone imidazopyridine and isoquinolindione derivatives as novel and potent inhibitors of the poly(ADP-ribose) polymerase (PARP): a comparison with standard PARP inhibitors.[J]. molecular pharmacology 2008 74(6):1587-1598.