

Product Name	: ZYN57939
Synonyms	: MTR-106
Cat No.	: M23736
CAS Number	: 1639357-93-9
Molecular Formula	: C ₂₉ H ₂₈ N ₆ O ₂ S
Formula Weight	: 524.6
Chemical Name	: —
Description	: ZYN57939 is RNA polymerase I inhibitor for treating RNA polymerase I- mediated diseases. ZYN57939 showed inhibitory activity with IC ₅₀ of 0.855 μM against human HT- 29 cancer cell lines.
Pathway	: Cell Cycle/DNA Damage
Target	: DNA/RNA Synthesis
Receptor	: RNA polymerase I
Solubility	: DMSO: Insoluble; Water: Insoluble
SMILES	: <chem>O=C1C(C(NCC2=NC=C(N=C2)C)=O)=C(SC3=CC=CC=C34)N4C5=NC(C6C[C@@](CN(C)C7)([H])[C@@]7([H])C6)=CC=C15</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Discovery of MTR-106 as a highly potent G-quadruplex stabilizer for treating BRCA-deficient cancers[J]. Investigational New Drugs, 2021:1-9.