

Product Name	: SW155246
Synonyms	: —
Cat No.	: M24384
CAS Number	: 420092-79-1
Molecular Formula	: C ₁₆ H ₁₁ ClN ₂ O ₅ S
Formula Weight	: 378.8
Chemical Name	: —
Description	: SW155246 is a potent and selective inhibitor of DNMT1 (DNA methyltransferase 1; IC ₅₀ of 1.2 μM). SW155246 induces re-expression of the tumor suppressor gene RASSF1 in A549 cells.
Pathway	: Cell Cycle/DNA Damage
Target	: DNA/RNA Synthesis
Receptor	: DNMT1
Solubility	: —
SMILES	: <chem>C1=CC=C2C(=C1)C(=CC=C2O)NS(=O)(=O)C3=CC(=C(C=C3)Cl)[N+](=O)[O-]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Medina-Franco J, O Méndez-Lucio, Yoo J. Rationalization of Activity Cliffs of a Sulfonamide Inhibitor of DNA Methyltransferases with Induced-Fit Docking[J]. International Journal of Molecular Sciences, 2014, 15(2).