
TMPyP4 tosylate

产品编号: D58007

CAS: 36951-72-1

分子式: C₇₂H₆₆N₈O₁₂S₄

纯度: 99.11%

InChi Key: InChiKey=AKZFRMNXBFLDNN-GVHKZQBISA-K

Smiles: [N+]1=CC=C(/C2=C3C=CC(/C(C4=CC=[N+](C)C=C4)=C5C=C/C(N/5)=C(C6=CC=[N+](C)C=C6)/C(C=C/7)=NC7=C(C8=CC=[N+](C)C=C8)/C9=CC=C2N9)=N\3)C=C1.O=S(C%10=CC=C(C)C=C%10)([O-])=O.O=S(C%11=CC=C(C)C=C%11)([O-])=O.O=S(C%12=CC=C(C)C=C%12)([O-])=O.O=S(C%13=CC=C(C)C=C%13)([O-])=O

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint; DNA Damage/DNA Repair

作用靶点: DNA/RNA Synthesis; Telomerase

溶解性: DMSO: 10 mg/mL (7.33 mM; Need ultrasonic); H₂O: 25 mg/mL (18.33 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: TMPyP4 tosylate is a quadruplex-specific ligand and is a telomerase inhibitor with antitumor effects in osteosarcoma cell lines.