

Product Name : Pyridostatin

Synonyms : —

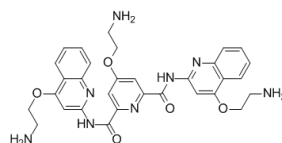
Cat No. : M10334

CAS Number : 1085412-37-8

Molecular Formula : C₃₁H₃₂N₈O₅

Formula Weight : 596.64

Chemical Name : —



Description : Pyridostatin Trifluoroacetate Salt is a G-quadruplexe stabilizer with K_d of 490 nM in a cell-free assay, which targets a series of proto-oncogenes including c-kit, K-ras and Bcl-2.

Pathway : Cell Cycle/DNA Damage

Target : DNA/RNA Synthesis

Receptor : G-quadruplexe

Solubility : Ethanol: 30 mg/mL 30; Water: 100 mg/mL 100; DMSO: 100 mg/mL 100

SMILES : NCCOC1=CC(=NC(=C1)C(=O)NC1=NC2=CC=CC=C2C(OCCN)=C1)C(=O)NC1=NC2=CC=CC=C2C(OCCN)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Murat P, et al. Nat Chem Biol. 2014, 10(5), 358-364.