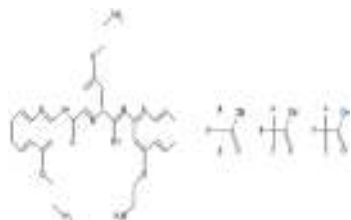


Pyridostatin Trifluoroacetate

ALTERNATE NAME: RR82
PDS
4-(2-aminoethoxy)-N2,N6-bis(4-(2-aminoethoxy)quinolin-2-yl)pyridine-2,6-dicarboxamide tris(2,2,2-trifluoroacetate)

CATALOG #: B3337-5 5 mg
B3337-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₇H₃₅F₉N₈O₁₁

MOLECULAR WEIGHT: 938.72

CAS NUMBER: 1472611-44-1

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: 20 mg/ml DMSO

DESCRIPTION: Pyridostatin is a highly selective G-quadruplex DNA stabilizing agent (K_d=490 nM). Pyridostatin stabilizes G-quadruplexes, targeting the proto-oncogene SRC and telomeric G-quadruplexes, inducing DNA damage and cell-cycle arrest. Pyridostatin targets the proto-oncogene Src and reduces SRC protein levels and SRC-dependent cellular motility in human breast cancer cells.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Busulfan (B1063)
DNA Damage Quantification Colorimetric Kit (K253)
YU238259 (B2155)
L-189 (9674)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*