

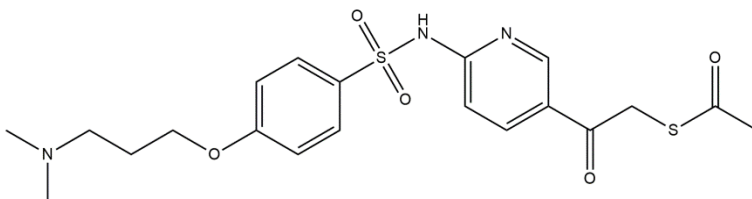
KD 5170

6/19

ALTERNATE NAMES: S-[2-[6-[[4-[3-(dimethylamino)propoxy]phenyl]sulfonylamino]pyridin-3-yl]-2-oxoethyl] ethanethioate, S-(2-(6-(4-(3-(Dimethylamino)propoxy)phenylsulfonamido)pyridin-3-yl)-2-oxoethyl) ethanethioate

CATALOG #: B2820-1 1 mg
B2820-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₂₅N₃O₅S₂

MOLECULAR WEIGHT: 451.56

CAS NUMBER: 940943-37-3

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: ~1 mg/ml in DMSO

DESCRIPTION: KD 5170 is a broad spectrum, classes I and II HDAC (histone deacetylase) inhibitor. The IC₅₀ for inhibition of HDAC1, HDAC2, HDAC3, HDAC4 is 0.02 μM, 2 μM, 0.075 μM, 0.026 μM respectively, *in vitro*. KD5170 induced apoptosis in a broad range of human tumor-derived cell lines. It inhibited xenograft tumors in nude mice.

STORAGE TEMPERATURE: -20°C. Store under desiccating conditions.

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

RELATED PRODUCTS:

JGB1741 (Cat. No. B2804)
 4-Iodo-SAHA (Cat. No. B2800)
 Tubacin (Cat. No. 1984)
 CI-994 (Cat. No. 1742)
 ITF2357 (Cat. No. 9431)

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