

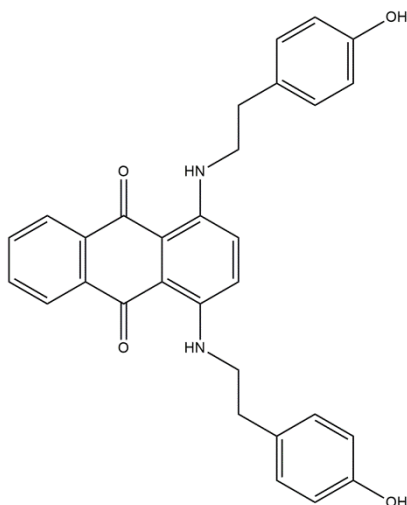
JFD00244

06/19

ALTERNATE NAMES: 1,4-bis[2-(4-hydroxyphenyl)ethylamino]anthracene-9,10-dione; 1,4-bis[2-(p-hydroxyphenyl)ethylamino]anthraquinone; BML-266

CATALOG #: B2830-1 1 mg
B2830-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₀H₂₆N₂O₄

MOLECULAR WEIGHT: 478.54

CAS NUMBER: 96969-83-4

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: ~0.3 mg/ml in Ethanol
~30 mg/ml in DMSO and DMF

DESCRIPTION: JFD00244 is an inhibitor of SIRT2. SIRT2 is a NAD⁺ (nicotinamide adenine dinucleotide)-dependent deacetylase. A major substrate of SIRT2 is α-tubulin. JFD00244 inhibits SIRT2 with an IC₅₀ of 56.7 μM. It induces granulocytic differentiation in the acute promyelocytic leukemia cell line NB4 at a concentration of 5 μM.

STORAGE TEMPERATURE: -20°C

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

RELATED PRODUCTS:

Tenovin-3 (Cat. No. B1828)
Tenovin-1 (Cat. No. 9400)
Sirtinol (Cat. No. 2062)
SIRT2 Inhibitor (Cat. No. 1857)
Tenovin-6 (Cat. No. B2818)

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