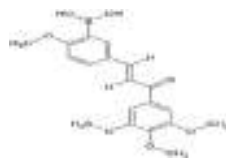


YK-3-237

ALTERNATE NAME: B-[2-Methoxy-5-[(1E)-3-oxo-3-(3,4,5-trimethoxyphenyl)-1-propen-1-yl]phenyl]boronic acid

CATALOG #: B2762-5 5 mg
B2762-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₁BO₇

MOLECULAR WEIGHT: 372.18

CAS NUMBER: 1215281-19-8

APPEARANCE: Yellow solid

PURITY: ≥98% by HPLC

SOLUBILITY: >30 mg/ml DMSO
>30 mg/ml Ethanol

DESCRIPTION: YK-3-237 is a sirtuin 1(SIRT1) activator. It activates SIRT1 in a concentration-dependent manner and reduces acetylation of wild-type and mutant p53 in a SIRT1-dependent manner. YK-3-237 inhibits cell growth in a panel of leukemia, non-small cell lung, colon, CNS, melanoma, ovarian, renal, prostate, and breast cancer cell lines (GI₅₀s = <0.01-20.9 μM).

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

SRT-3025 hydrochloride (B2376)
BML-278 (2379)
Resveratrol (1758)

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