BPDP (BML-278)

Catalog Number P003-5MG
Catalog Number P003-25MG

FEATURES
- Novel SIRT activator
- Dihydropyridine scaffold
- Arrests cell cycle at G1/S phase

INTRODUCTION
Sirt activator based on a dihydropyridine structural scaffold. EC150 (effective concentration able to increase enzyme activity by 150%) is 1 μM for Sirt1, 25 μM for Sirt2, and 50 μM for Sirt3. The compound is active in whole cells and arrests cell cycle at G1/S phase in U937 cells.

FORM: Off white Powder
MOLECULAR WEIGHT: 391.5
STORAGE: Room temperature
FORMULA: C_{24}H_{25}NO_{4}
CAS NUMBER: None
OTHER NAMES: BML-278, N-Benzyl-3,5-dicarbethoxy-4-phenyl-1,4-dihydropyridine
USES: Soluble to 5 mg/mL in DMSO

REFERENCES: