

BML-278

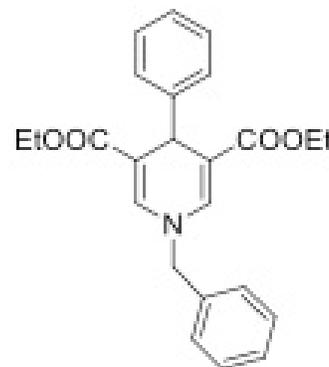
Catalog No: 14024, 14025**Format:** 25 mg, 5 mg**Chemical Properties:**

MW = 391.5

 $C_{24}H_{25}NO_4$

CAS Not found

Physical Properties: off white powder, MP = 141-143°C

**Names:** BML-278, N-Benzyl-3,5-dicarboxy-4-phenyl-1,4-dihydropyridine**Pharmacology:** A structurally novel activator of SIRT1 ($EC_{150} = 1$ M). Displays selectivity over SIRT2 and SIRT3 ($EC_{150} = 25$ M and 50 M respectively). Cell permeable.**Solubilization:** May be dissolved in DMSO (5 mg/ml)**Fluorescent Properties:** N/A**Quality Control:**

>98% (TLC); NMR (Conforms)

References:

1. A Mai *et al.* *J. Med. Chem.* 2009, 52:5496**Storage and Guarantee:** Store desiccated as supplied at room temperature for up to 2 years. Store solutions at -20°C for up to 3 months. This product is guaranteed for 6 months from date of arrival.