

BML-278, SIRT1 activator

Catalog	Unit
TBI1063-5MG	5 mg
TBI1063-25MG	25 mg

Product Details

Formal Name: N-Benzyl-3,5-dicarboethoxy-4-phenyl-1,4-dihydropyridine

Molecular Formula: C₂₄H₂₅NO₄

Formula Weight: 391.47

CAS Number: 15301-69-6

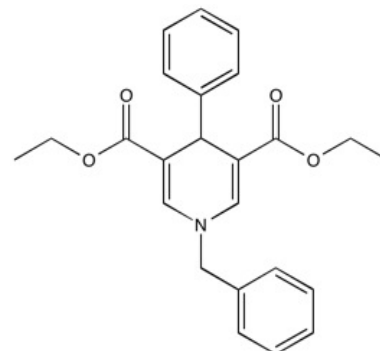
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

SIRT1 activator

Functions

A structurally novel activator of SIRT1 (EC₅₀=1 μM). Displays selectivity over SIRT2 and 3 (EC₅₀=25 and 50 μM respectively). Cell permeable.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.