BML-278

SIRT activator

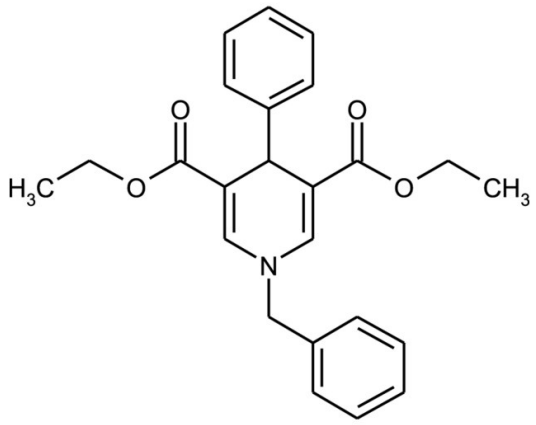
Novel Sirt activator structurally based on a dihydropyridine scaffold. EC_{150} (effective concentration able to increase enzyme activity by 150%) =1µM for Sirt1 with weaker effect on Sirt2 and Sirt3 (25 and 50µM respectively). The compound is active in whole cells and arrests cell cycle at G1/S phase in U937 cells.

Citations: 1 View Online »

Ordering Information Order Online »

BML-GR359-0005	5mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at room temperature. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-Benzyl-3,5-dicarbethoxy-4-phenyl-1,4-dihydropyridine
Appearance	Off-white solid.
CAS	15301-69-6
Couple Target	SIRT
Couple Type	Activator
Formula	$C_{24}H_{25}NO_4$
MW	391.5
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (5mg/ml).
Source	Synthetic.

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