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## BML-278

产品编号: D52142

CAS: 120533-76-8

分子式: C<sub>24</sub>H<sub>25</sub>NO<sub>4</sub>

纯度: 100%

InChi Key: InChIKey=JOHFECBOWRGWJZ-UHFFFAOYSA-N

Smiles: O=C(OCC)C1=CN(C=C(C(=O)OCC)C1C=2C=CC=CC2)CC=3C=CC=CC3

外观: 固体粉末

作用通路: Chromatin/Epigenetic;DNA Damage/DNA Repair

作用靶点: Sirtuin;Histone Methyltransferase

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: BML-278 is a SIRT1 activator with an EC<sub>150</sub> of 1 μM. BML-278 increases H3K9 methylation and inhibits H3K9 acetylation in parental and maternal prokaryotes, and can be used to improve early embryonic development. BML-278 induces cell cycle arrest in primary human mesenchymal stromal cells at the G1/S phase, and can be used to delay senescence. BML-278 reduces microtubule protein acetylation in U937 cells and increases mitochondrial density in mouse C2C12 myoblasts. BML-278 reduces microtubule protein acetylation in U937 cells and increases mitochondrial density in mouse C2C12 myoblasts.