

# SIRTUINS

## SRT1720 HCl

Activator of SIRT1 that reduced glucose levels and hyperinsulinemia in diet-induced diabetic rats via enhancement of oxidative metabolism.<sup>1,2</sup>

**Product No: 10-4628** 5 mg 25 mg

## Tenovin-1

Activates p53 via inhibition of SIRT1 and SIRT2.<sup>3</sup>

**Product No: 10-2982** 5 mg 25 mg

## Honokiol

Natural product activator of SIRT3.<sup>4</sup>

**Product No: 10-2311** 10 mg 50 mg

## EX-527

SIRT1 Inhibitor.<sup>5</sup> Clinical interest as a potential therapeutic for Huntington's disease.

**Product No: 10-1083** 5 mg 25 mg

## AK-7

SIRT2 Inhibitor. Neuroprotective in mouse models of Huntington's disease.<sup>6</sup>

**Product No: 10-1429** 5 mg 25 mg

## Sirtinol

General sirtuin inhibitor.<sup>7</sup>

**Product No: 10-1336** 5 mg 25 mg

## BML-278

Novel SIRT1 activator structurally related to dihydropyridine calcium channel blockers.<sup>8</sup>

**Product No: 10-1063** 5 mg 25 mg

## Resveratrol

SIRT1 Activator. Shows neuroprotective effects possible therapeutic potential in stroke and neurodegenerative diseases.<sup>9,10</sup>

**Product No: 10-1057** 200 mg 1 g

## Piceatannol

SIRT1 Activator.<sup>11</sup>

**Product No: 10-2293** 5 mg 25 mg

## Salermide

SIRT1/2 inhibitor with strong anticancer activity.<sup>12</sup>

**Product No: 10-1514** 5 mg 25 mg

## Sirt Act

SIRT1 activator.<sup>13</sup> Displays anti-inflammatory effects and improves colitis in a mouse model.<sup>14</sup>

**Product No: 10-2595** 5 mg 25 mg

## MDL-800

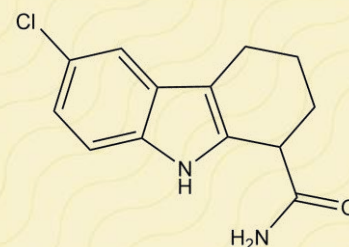
Allosteric activator of SIRT6.<sup>15</sup>

**Product No: 10-4415** 10 mg 50 mg

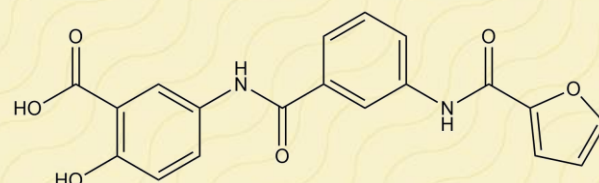
## OSS-128167

SIRT6 inhibitor.<sup>16</sup> Promotes cell senescence and aging in myocardial cells.<sup>17</sup>

**Product No: 10-5197** 5 mg 25 mg



**EX-527**



**OSS-128167**

## REFERENCES

1. Milne *et al.* (2007), *Nature* **450** 712
2. Feige *et al.* (2008), *Cell Metab.* **8** 347
3. Lain *et al.* (2008), *Cancer Cell* **13** 454
4. Pillai *et al.* (2015), *Nat. Commun.* **6** 6656
5. Napper *et al.* (2005), *J. Med. Chem.* **48** 8045
6. Chopra *et al.* (2012), *Cell Rep.* **2** 1492
7. Mai *et al.* (2005), *J. Med. Chem.* **48** 7789
8. Mai *et al.* (2009), *J. Med. Chem.* **52** 5496
9. Sun *et al.* (2010), *Mol. Neurobiol.* **41** 375
10. Foti Cuzzola *et al.* (2011), *CNS & Neurological Disorders – Drug Targets* **10** 849
11. Howitz *et al.* (2003), *Nature* **425** 191
12. Lara *et al.* (2009), *Oncogene* **28** 781
13. Nayagam *et al.* (2006) *J. Biomol. Screen.* **11** 959
14. Caruso *et al.* (2014), *Mucosal Immunol.* **7** 1467
15. Huang *et al.* (2018), *Chem. Biol.* **14** 1118
16. Damonte *et al.* (2017), *Bioorg. Med. Chem.* **25** 5849
17. Zhou *et al.* (2022), *Aging (Albany)* **14** 9730