

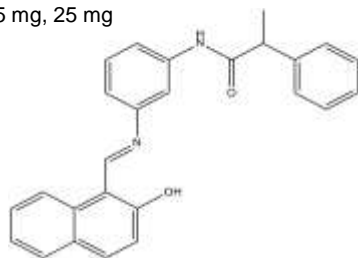
## Salermide

**ALTERNATE NAME:** N-[3-[[[2-hydroxy-1-naphthalenyl)methylene]amino]phenyl]-a-methyl-benzeneacetamide

**CATALOG #:** 1873-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 394.47

**CAS NUMBER:** 1105698-15-4

**APPEARANCE:** Yellow solid

**SOLUBILITY:** DMSO (100 mM)

**PURITY:** ≥98%

**STORAGE:** Store at -20 °C

**DESCRIPTION:** Cell-permeable. Salermide is an inhibitor of SIRT1 and SIRT2. *In vitro*, Salermide has a stronger inhibitory effect on SIRT2 than on SIRT1. It induces massive apoptosis in tumor cells through reactivation of proapoptotic genes epigenetically repressed exclusively in cancer cells by SIRT1.

**REFERENCE:** Lara, E., *et al.* (2009). *Oncogene* **28**, 781-791.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

**RELATED PRODUCTS:**

- Cambinol (**Cat. No. 1653-10**)
- Resveratrol (**Cat. No. 1758-100, 500**)
- SIRT1 Inhibitor, EX-527 (**Cat. No. 1652-10**)
- SIRT2 Inhibitor (**Cat. No. 1857-5, 25**)
- SIRT2 Inhibitor, AGK2 (**Cat. No. 1651-10**)