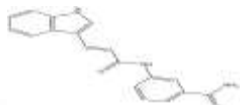


**PRODUCT: RSC-133****ALTERNATE NAME:** 3-[[[(2E)-3-(1H-indol-3-yl)-1-oxo-2-propen-1-yl]amino]-benzamide**CATALOG #:** B1086-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>18</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 305.33**CAS NUMBER:** 1418131-46-0**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** RSC-133 is an epigenetic modulator that effectively improves reprogramming of human somatic cells to pluripotent stem cells. Apparently, RSC-133 facilitates the reprogramming by dual inhibition of histone deacetylase and DNA methyltransferase activities.**REFERENCES:** Lee, J., et al. (2012). *Angew Chem Int Ed. Engl* **51**, 12509-12513.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**DiscoveryPak™ Stem Cell Fate Regulator Set I (**Cat. No. K852-3**)DiscoveryPak™ Stem Cell Fate Regulator Set II (**Cat. No. K853-8**)DiscoveryPak™ Stem Cell Fate Regulator Set III (**Cat. No. K854-3**)DiscoveryPak™ Stem Cell Fate Regulator Set IV (**Cat. No. K855-3**)DiscoveryPak™ Stem Cell Fate Regulator Set V (**Cat. No. K865-5**)DiscoveryPak™ Stem Cell Fate Regulator Set VI (**Cat. No. K866-5**)(±) –Bay K 8644 (**Cat. No. 1682-5**)BIX01294 (**Cat. No. 1678-5, 25**)CHIR99021 (**Cat. No. 1677-5, 25**)EZSolution™ CHIR99021 (**Cat. No. 1748-5**)PD0325901 (**Cat. No. 1643-2**)PS-48 (**Cat. No. 1869-5**)Pyrintegrin (**Cat. No. 1729-1,5**)EZSolution™ Pyrintegrin (**Cat. No. 1737-1**)RepSox (**Cat. No. 1894-5, 25**)Reversine (**Cat. No. 1851-1, 5**)RG 108 (**Cat. No. 1679-10,30**)SB-431542 (**Cat. No. 1674-1**)EZSolution™ SB-431542 (**Cat. No. 1872-1**)Sodium Butyrate (**Cat. No. 1609-100, 1000**)Thiazovivin (**Cat. No. 1681-1,5**)EZSolution™ Thiazovivin (**Cat. No. 1736-1**)Tranylcypromine Hemisulfate (Parnate) (**Cat. No. 1816-25,100**)Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)Y-27632,2 HCl (**Cat. No. 1596-1, 5, 50**)EZSolution™ Y-27632, HCl (**Cat. No. 1784-5**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**