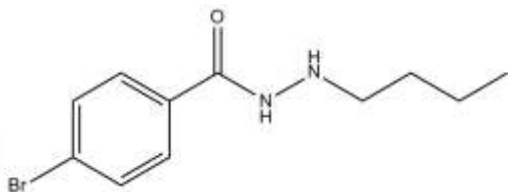


PRODUCT: UF 010**ALTERNATE NAME:** 4-Bromo-N'-butylbenzohydrazide**CATALOG #:** B1146-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₁H₁₅BrN₂O**MOLECULAR WEIGHT:** 271.15**CAS NUMBER:** 537672-41-6**APPEARANCE:** White Solid**SOLUBILITY:** DMSO (>25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** UF 010 is class I HDAC inhibitor that displays >6- fold selectivity over other HDACs. It has an IC₅₀ value of 0.06, 0.1, and 1.5 μM for HDACs 3, 2, 1 and 8 respectively. In vitro experimental data shows accumulation of acetylated histones in HCT116 cells. UF 010 is known to arrest cells at G1/S transition inhibiting proliferation of various cancer cell lines.**REFERENCES:** Wang, Y., *et al.* (2015). *Chem.Biol.* **22**, 273-284.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ACY-1215 (Cat. No. 2629-5, 25)
AR-42 (Cat. No. 2716-1,5)
CBHA (Cat. No. 2284-5, 10)
CAY10683 (Cat. No. B1051-5,25)
Chidamide (Cat. No. 2261-1, 5)
CI-994 (Cat. No. 1742-10, 50)
CUDC-101 (Cat. No. 1966-5, 25)
Depudecin (Cat. No. 2087-100)
DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)
DiscoveryPak™ HDAC Inhibitor Set II (Cat. No. K876-7)
Droxinostat (Cat. No. 9570-5,25)
HC Toxin (Cat. No. 2728-500, 1000)
ITF2357 (Cat. No. 9431-1,5)
JNJ-26481585 (Cat. No. 9612-5, 25)
FK228 (Cat. No. 2447-1, 5)
LAQ824 (Cat. No. 2634-1,5)
M344 (Cat. No. 1701-1)
MGCD0103 (Cat. No. 2633-10, 50)
MS-275 (Entinostat, MS-275) (Cat. No. 1590-1,5)
Nexturastat A (Cat. No. 2098-1)
Nullscript (Cat. No. 2186-1)
Oxamflatin (Cat. No. 2250-1, 5)
Panobinostat (LBH589) (Cat. No. 1612-1,5)
PCI 34051 (Cat. No. 2251-5, 25)
PXD101 (Cat. No. 2480-5, 25)
SAHA (Cat. No. 1604-1)
SB 939 (Cat. No. 2285-1, 5)
SBHA (Cat. No. 2202-50, 250)
Sodium 4-phenylbutyrate (Cat. No. 1608-100,1000)
Sodium Butyrate (Cat. No. 1609-1000)
Splitomycin (Cat. No. 1610-5)
Trichostatin A (Cat. No. 1606-1)
Tubacin (Cat. No. 1984-250, 1000)
Tubastatin A (Cat. No. 1724-1, 5)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*