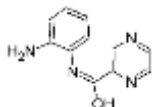


PRODUCT: BG-45**ALTERNATE NAME:** N-(2-Aminophenyl)pyrazine-2-carboxamide**CATALOG NUMBER:** B1866-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₁H₁₀N₄O**MOLECULAR WEIGHT:** 214.23**CAS NUMBER:** 926259-99-6**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light

DESCRIPTION: BG-45 is a potent HDAC class I inhibitor with selectivity for HDAC3 (IC₅₀ = 289 nM) over HDAC1, 2. BG-45 does not inhibit HDAC6. BG45 alone or in combination with bortezomib has been shown to dose-dependently inhibit tumor growth in a mouse model of multiple myeloma.

REFERENCES: Minami, J., *et al.* (2014). *Leukemia* **28**, 680-689.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

4SC-202 (Cat. No. B1230-5,25)
 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 USE ONLY! Not to be used in humans*