

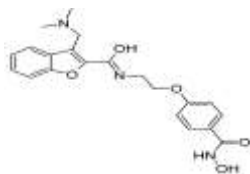
PRODUCT: Abexinostat

ALTERNATE NAME: 3-(dimethylaminomethyl)-N-[2-[4-(hydroxycarbonyl)phenoxy]ethyl]-1-benzofuran-2-carboxamide; CRA-024781; PCI-24781

CATALOG #: B2202-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₃N₃O₅

MOLECULAR WEIGHT: 397.42

CAS NUMBER: 783355-60-2

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥96% by HPLC

STORAGE: Store at -20 °C. Protect from light and light

DESCRIPTION: Abexinostat is a broad-spectrum phenyl hydroxamic acid inhibitor of histone deacetylase (HDAC) with potential antineoplastic activity. It inhibits several isoforms of HDAC, resulting in an accumulation of highly acetylated histones, followed by the induction of chromatin remodeling. Abexinostat has been shown to inhibit homologous recombination (HR) activity by inhibiting the expression of RAD51. RAD51, a homologue of bacterial RecA, assists in the repair of DNA double-strand breaks (DSBs).

REFERENCES: Sholler, G.S., *et al.* (2013). *J. Cancer Ther. Res.* **2**, 21.

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)
 Abexinostat (Cat. No. B2202-5,25)
 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)
 MDK-7933 (Cat. No. B2119-5,25)
 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*