**PRODUCT:** Abexinostat

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

**CATALOG #:** B2202-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

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\text{\(\text{C}_{21}\text{H}_{23}\text{N}_{3}\text{O}_{5}\)}
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**MOLECULAR FORMULA:** \(\text{C}_{21}\text{H}_{23}\text{N}_{3}\text{O}_{5}\)

**MOLECULAR WEIGHT:** 397.42

**CAS NUMBER:** 783355-60-2

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO

**PURITY:** \(\geq 96\%\) 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).


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

**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)
- 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)