



LKT Laboratories, Inc.

BI-9564

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Product Information

Product ID B321090

CAS No. 1883429-22-8

Chemical Name

Synonym BI 9564; BI9564

Formula $C_{20}H_{23}N_3O_3$

Formula Wt. 353.4

Melting Point

Purity $\geq 98\%$

Solubility

Store Temp -20°C

Ship Temp Ambient

Description BI-9564 is a potent and selective inhibitor of the bromodomains of BRD9 and BRD7, two components of the non-canonical SWI/SNF (ncBAF and PBAF) chromatin remodeling complexes. BI-9564 displaces BRD9 and BRD7 from acetylated chromatin by competing with acetyl-lysine binding, and has been used to dissect the roles of these proteins in transcriptional regulation and oncogenesis. It is particularly useful in cancer research contexts where BRD9 has been identified as an oncological dependency.

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B321090	1 mg	\$65.00
B321090	5 mg	\$175.00
B321090	25 mg	\$475.00

- References**
1. Hohmann AF, Martin LJ, Minder JL, et al. Sensitivity and engineered resistance of myeloid leukemia cells to BRD9 inhibition. *Nat Chem Biol.* 2016;12(9):672-9. PMID: 27376689.
 2. Filippakopoulos P, Picaud S, Mangos M, et al. Histone recognition and large-scale structural analysis of the human bromodomain family. *Cell.* 2012;149(1):214-31. PMID: 22464331.
 3. Alpsy A, Dykhuizen EC. Glioma tumor suppressor candidate region gene 1 (GLTSCR1) and its paralog GLTSCR1-like form SWI/SNF chromatin remodeling subcomplexes. *J Biol Chem.* 2018;293(11):3892-3903. PMID: 29414784.
 4. Gatchalian J, Malik S, Ho J, et al. A non-canonical BRD9-containing BAF chromatin remodeling complex regulates naive pluripotency in mouse embryonic stem cells. *Nat Commun.* 2018;9(1):5139. PMID: 30510203.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.