



LKT Laboratories, Inc.

**SB-939**

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## Product Information

Product ID S0501

CAS No. 929016-96-6

Chemical Name

Synonym SB939, Pracinostat

Formula  $C_{20}H_{30}N_4O_2$

Formula Wt. 358.49

Melting Point

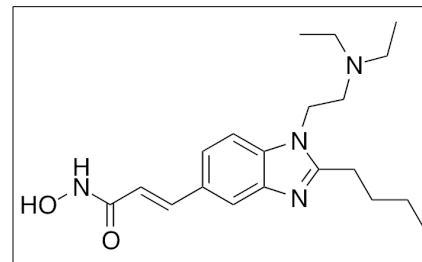
Purity  $\geq 98\%$

Solubility DMSO Solubility:  
72 mg/mL (200.84 mM)

Store Temp  $-20^{\circ}\text{C}$

Ship Temp Ambient

**Description** SB939 (Pracinostat) is an inhibitor of class I, II, and IV histone deacetylases (HDACs) that exhibits anticancer chemotherapeutic, anti-parasitic, and antimalarial activities. SB939 decreases tumor growth in animal models of colorectal cancer. This compound also suppresses *Plasmodium* growth in vitro and in vivo and prevents malaria infection.



## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
S0501	1 mg	\$106.30
S0501	5 mg	\$229.60
S0501	25 mg	\$689.00

**References** Zorzi AP, Bernstein M, Samson Y, et al. A phase I study of histone deacetylase inhibitor, pracinostat (SB939), in pediatric patients with refractory solid tumors: IND203 a trial of the NCIC IND program/C17 pediatric phase I consortium. *Pediatr Blood Cancer*. 2013 Nov;60(11):1868-74. PMID: 23893953.

Sumanadasa SD, Goodman CD, Lucke AJ, et al. Antimalarial activity of the anticancer histone deacetylase inhibitor SB939. *Antimicrob Agents Chemother*. 2012 Jul;56(7):3849-56. PMID: 22508312.

Novotny-Diermayr V, Sangthongpitag K, et al. SB939, a novel potent and orally active histone deacetylase inhibitor with high tumor exposure and efficacy in mouse models of colorectal cancer. *Mol Cancer Ther*. 2010 Mar;9(3):642-52. PMID: 20197387.

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